



Amazon-Web-Services

Exam Questions AIP-C01

AWS Certified Generative AI Developer - Professional

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NEW QUESTION 1

An ecommerce company is developing a generative AI application that uses Amazon Bedrock with Anthropic Claude to recommend products to customers. Customers report that some recommended products are not available for sale on the website or are not relevant to the customer. Customers also report that the solution takes a long time to generate some recommendations.

The company investigates the issues and finds that most interactions between customers and the product recommendation solution are unique. The company confirms that the solution recommends products that are not in the company's product catalog. The company must resolve these issues.

Which solution will meet this requirement?

- A. Increase grounding within Amazon Bedrock Guardrail
- B. Enable Automated Reasoningcheck
- C. Set up provisioned throughput.
- D. Use prompt engineering to restrict the model responses to relevant product
- E. Use streaming techniques such as the InvokeModelWithResponseStream action to reduce perceived latency for the customers.
- F. Create an Amazon Bedrock knowledge base
- G. Implement Retrieval Augmented Generation RA
- H. Set the PerformanceConfigLatency parameter to optimized.
- I. Store product catalog data in Amazon OpenSearch Service
- J. Validate the model's product recommendations against the product catalog
- K. Use Amazon DynamoDB to implement response caching.

Answer: C

NEW QUESTION 2

A company deploys multiple Amazon Bedrock-based generative AI (GenAI) applications across multiple business units for customer service, content generation, and document analysis. Some applications show unpredictable token consumption patterns. The company requires a comprehensive observability solution that provides real-time visibility into token usage patterns across multiple models. The observability solution must support custom dashboards for multiple stakeholder groups and provide alerting capabilities for token consumption across all the foundation models that the company's applications use.

Which combination of solutions will meet these requirements with the LEAST operational overhead? (Select TWO.)

- A. Use Amazon CloudWatch metrics as data sources to create custom Amazon QuickSight dashboards that show token usage trends and usage patterns across FMs.
- B. Use CloudWatch Logs Insights to analyze Amazon Bedrock invocation logs for token consumption patterns and usage attribution by application
- C. Create custom queries to identify high-usage scenarios
- D. Add log widgets to dashboards to enable continuous monitoring.
- E. Create custom Amazon CloudWatch dashboards that combine native Amazon Bedrock token and invocation CloudWatch metrics
- F. Set up CloudWatch alarms to monitor token usage thresholds.
- G. Create dashboards that show token usage trends and patterns across the company's FMs by using an Amazon Bedrock zero-ETL integration with Amazon Managed Grafana.
- H. Implement Amazon EventBridge rules to capture Amazon Bedrock model invocation events
- I. Route token usage data to Amazon OpenSearch Serverless by using Amazon Data Firehose
- J. Use OpenSearch dashboards to analyze usage patterns.

Answer: CD

NEW QUESTION 3

A retail company is using Amazon Bedrock to develop a customer service AI assistant. Analysis shows that 70% of customer inquiries are simple product questions that a smaller model can effectively handle. However, 30% of inquiries are complex return policy questions that require advanced reasoning. The company wants to implement a cost-effective model selection framework to automatically route customer inquiries to appropriate models based on inquiry complexity. The framework must maintain high customer satisfaction and minimize response latency.

Which solution will meet these requirements with the LEAST implementation effort?

- A. Create a multi-stage architecture that uses a small foundation model (FM) to classify the complexity of each inquiry
- B. Route simple inquiries to a smaller, more cost-effective model
- C. Route complex inquiries to a larger, more capable model
- D. Use AWS Lambda functions to handle routing logic.
- E. Use Amazon Bedrock intelligent prompt routing to automatically analyze inquiries
- F. Route simple product inquiries to smaller models and route complex return policy inquiries to more capable larger models.
- G. Implement a single-model solution that uses an Amazon Bedrock mid-sized foundation model (FM) with on-demand pricing
- H. Include special instructions in model prompts to handle both simple and complex inquiries by using the same model.
- I. Create separate Amazon Bedrock endpoints for simple and complex inquiries
- J. Implement a rule-based routing system based on keyword detection
- K. Use on-demand pricing for the smaller model and provisioned throughput for the larger model.

Answer: B

NEW QUESTION 4

A company is building a legal research AI assistant that uses Amazon Bedrock with an Anthropic Claude foundation model (FM). The AI assistant must retrieve highly relevant case law documents to augment the FM's responses. The AI assistant must identify semantic relationships between legal concepts, specific legal terminology, and citations. The AI assistant must perform quickly and return precise results.

Which solution will meet these requirements?

- A. Configure an Amazon Bedrock knowledge base to use a default vector search configuration
- B. Use Amazon Bedrock to expand queries to improve retrieval for legal documents based on specific terminology and citations.
- C. Use Amazon OpenSearch Service to deploy a hybrid search architecture that combines vector search with keyword search
- D. Apply an Amazon Bedrock reranker model to optimize result relevance.
- E. Enable the Amazon Kendra query suggestion feature for end user
- F. Use Amazon Bedrock to perform post-processing of search results to identify semantic similarity in the documents and to produce precise results.
- G. Use Amazon OpenSearch Service with vector search and Amazon Bedrock Titan Embeddings to index and search legal documents

H. Use custom AWS Lambda functions to merge results with keyword-based filters that are stored in an Amazon RDS database.

Answer: B

NEW QUESTION 5

A company uses an AI assistant application to summarize the company's website content and provide information to customers. The company plans to use Amazon Bedrock to give the application access to a foundation model (FM).

The company needs to deploy the AI assistant application to a development environment and a production environment. The solution must integrate the environments with the FM. The company wants to test the effectiveness of various FMs in each environment. The solution must provide product owners with the ability to easily switch between FMs for testing purposes in each environment.

Which solution will meet these requirements?

- A. Create one AWS CDK application
- B. Create multiple pipelines in AWS CodePipeline
- C. Configure each pipeline to have its own settings for each FM
- D. Configure the application to invoke the Amazon Bedrock FMs by using the `aws_bedrock.ProvisionedModel.fromProvisionedModelArn()` method.
- E. Create a separate AWS CDK application for each environment
- F. Configure the applications to invoke the Amazon Bedrock FMs by using the `aws_bedrock.FoundationModel.fromFoundationModelId()` method
- G. Create a separate pipeline in AWS CodePipeline for each environment.
- H. Create one AWS CDK application
- I. Configure the application to invoke the Amazon Bedrock FMs by using the `aws_bedrock.FoundationModel.fromFoundationModelId()` method
- J. Create a pipeline in AWS CodePipeline that has a deployment stage for each environment that uses AWS CodeBuild deploy actions.
- K. Create one AWS CDK application for the production environment
- L. Configure the application to invoke the Amazon Bedrock FMs by using the `aws_bedrock.ProvisionedModel.fromProvisionedModelArn()` method
- M. Create a pipeline in AWS CodePipeline
- N. Configure the pipeline to deploy to the production environment by using an AWS CodeBuild deploy action
- O. For the development environment, manually recreate the resources by referring to the production application code.

Answer: C

NEW QUESTION 6

A GenAI developer is building a Retrieval Augmented Generation (RAG)-based customer support application that uses Amazon Bedrock foundation models (FMs). The application needs to process 50 GB of historical customer conversations that are stored in an Amazon S3 bucket as JSON files. The application must use the processed data as its retrieval corpus. The application's data processing workflow must extract relevant data from customer support documents, remove customer personally identifiable information (PII), and generate embeddings for vector storage. The processing workflow must be cost-effective and must finish within 4 hours.

Which solution will meet these requirements with the LEAST operational overhead?

- A. Use AWS Lambda and Amazon Comprehend to process files in parallel, remove PII, and call Amazon Bedrock APIs to generate vector
- B. Configure Lambda concurrency limits and memory settings to optimize throughput.
- C. Create an AWS Glue ETL job to run PII detection scripts on the data
- D. Use Amazon SageMaker Processing to run the HuggingFaceProcessor to generate embeddings by using a pre-trained model
- E. Store the embeddings in Amazon OpenSearch Service.
- F. Deploy an Amazon EMR cluster that runs Apache Spark with user-defined functions (UDFs) that call Amazon Comprehend to detect PII
- G. Use Amazon Bedrock APIs to generate vector
- H. Store outputs in Amazon Aurora PostgreSQL with the pgvector extension.
- I. Implement a data processing pipeline that uses AWS Step Functions to orchestrate a workload that uses Amazon Comprehend to detect PII and Amazon Bedrock to generate embedding
- J. Directly integrate the workflow with Amazon OpenSearch Serverless to store vectors and provide similarity search capabilities.

Answer: D

NEW QUESTION 7

A healthcare company is developing a document management system that stores medical research papers in an Amazon S3 bucket. The company needs a comprehensive metadata framework to improve search precision for a GenAI application. The metadata must include document timestamps, author information, and research domain classifications.

The solution must maintain a consistent metadata structure across all uploaded documents and allow foundation models (FMs) to understand document context without accessing full content.

Which solution will meet these requirements?

- A. Store document timestamps in Amazon S3 system metadata
- B. Use S3 object tags for domain classification
- C. Implement custom user-defined metadata to store author information.
- D. Set up S3 Object Lock with legal holds to track document timestamp
- E. Use S3 object tags for author information
- F. Implement S3 access points for domain classification.
- G. Use S3 Inventory reports to track timestamp
- H. Create S3 access points for domain classification
- I. Store author information in S3 Storage Lens dashboards.
- J. Use custom user-defined metadata to store author information
- K. Use S3 Object Lock retention periods for timestamp
- L. Use S3 Event Notifications for domain classification.

Answer: A

NEW QUESTION 8

A publishing company is developing a chat assistant that uses a containerized large language model (LLM) that runs on Amazon SageMaker AI. The architecture consists of an Amazon API Gateway REST API that routes user requests to an AWS Lambda function. The Lambda function invokes a SageMaker AI real-time endpoint that hosts the LLM.

Users report uneven response times. Analytics show that a high number of chats are abandoned after 2 seconds of waiting for the first token. The company wants a solution to ensure that p95 latency is under 800 ms for interactive requests to the chat assistant.

Which combination of solutions will meet this requirement? (Select TWO.)

- A. Enable model preload upon container startu
- B. Implement dynamic batching to process multiple user requests together in a single inference pass.
- C. Select a larger GPU instance type for the SageMaker AI endpoint
- D. Set the minimum number of instances to 0. Continue to perform per-request processin
- E. Lazily load model weights on the first request.
- F. Switch to a multi-model endpoint
- G. Use lazy loading without request batching.
- H. Set the minimum number of instances to greater than 0. Enable response streaming.
- I. Switch to Amazon SageMaker Asynchronous Inference for all request
- J. Store requests in an Amazon S3 bucke
- K. Set the minimum number of instances to 0.

Answer: AD

NEW QUESTION 9

A company is using Amazon Bedrock to design an application to help researchers apply for grants. The application is based on an Amazon Nova Pro foundation model (FM). The application contains four required inputs and must provide responses in a consistent text format. The company wants to receive a notification in Amazon Bedrock if a response contains bullying language. However, the company does not want to block all flagged responses.

The company creates an Amazon Bedrock flow that takes an input prompt and sends it to the Amazon Nova Pro FM. The Amazon Nova Pro FM provides a response.

Which additional steps must the company take to meet these requirements? (Select TWO.)

- A. Use Amazon Bedrock Prompt Management to specify the required inputs as variable
- B. Select an Amazon Nova Pro F
- C. Specify the output format for the respons
- D. Add the prompt to the prompts node of the flow.
- E. Create an Amazon Bedrock guardrail that applies the hate content filte
- F. Set the filter response to bloc
- G. Add the guardrail to the prompts node of the flow.
- H. Create an Amazon Bedrock prompt route
- I. Specify an Amazon Nova Pro F
- J. Add the required inputs as variables to the input node of the flo
- K. Add the prompt router to the prompts nod
- L. Add the output format to the output node.
- M. Create an Amazon Bedrock guardrail that applies the insults content filte
- N. Set the filter response to detec
- O. Add the guardrail to the prompts node of the flow.
- P. Create an Amazon Bedrock application inference profile that specifies an Amazon Nova Pro F
- Q. Specify the output format for the response in the descriptio
- R. Include a tag for each of the input variable
- S. Add the profile to the prompts node of the flow.

Answer: AD

NEW QUESTION 10

A medical company is creating a generative AI (GenAI) system by using Amazon Bedrock. The system processes data from various sources and must maintain end-to-end data lineage. The system must also use real-time personally identifiable information (PII) filtering and audit trails to automatically report compliance. Which solution will meet these requirements?

- A. Use AWS Glue Data Catalog to register all data sources and track lineag
- B. Use Amazon Bedrock Guardrails PII filter
- C. Enable AWS CloudTrail logging for all Amazon Bedrock API calls with Amazon S3 integratio
- D. Use Amazon Macie to scan stored data for sensitive information and publish findings to Amazon CloudWatch Log
- E. Create CloudWatch dashboards to visualize the findings and generate automated compliance reports.
- F. Use AWS Config to track data source configurations and change
- G. Use AWS WAF with custom rules to filter PII at the application layer before Amazon Bedrock processes the dat
- H. Configure Amazon EventBridge to capture and route audit events to Amazon S3. Use Amazon Comprehend Medical with scheduled AWS Lambda functions to analyze stored outputs for compliance violations.
- I. Use AWS DataSync to replicate data sources to track lineag
- J. Configure Amazon Macie to scan Amazon Bedrock outputs for sensitive informatio
- K. Use AWS Systems Manager Session Manager to log user interaction
- L. Deploy Amazon Textract with AWS Step Functions workflows to identify and redact PII from generated reports.
- M. Configure Amazon Athena to query data sources to analyze and report on data lineag
- N. Use Amazon CloudWatch custom metrics to monitor PII exposure in Amazon Bedrock responses and establish AWS X-Ray tracing to generate an audit trai
- O. Use an Amazon Rekognition Custom Labels model to detect sensitive information in the data that Amazon Bedrock processes.

Answer: A

NEW QUESTION 10

A company is building a generative AI (GenAI) application that produces content based on a variety of internal and external data sources. The company wants to ensure that the generated output is fully traceable. The application must support data source registration and enable metadata tagging to attribute content to its original source. The application must also maintain audit logs of data access and usage throughout the pipeline.

Which solution will meet these requirements?

- A. Use AWS Lake Formation to catalog data sources and control acces
- B. Apply metadata tags directly in Amazon S3. Use AWS CloudTrail to monitor API activity.

- C. Use AWS Glue Data Catalog to register and tag data source
- D. Use Amazon CloudWatch Logs to monitor access patterns and application behavior.
- E. Store data in Amazon S3 and use object tagging for attribution
- F. Use AWS Glue Data Catalog to manage schema information
- G. Use AWS CloudTrail to log access to S3 buckets.
- H. Use AWS Glue Data Catalog to register all data source
- I. Apply metadata tags to attribute data source
- J. Use AWS CloudTrail to log access and activity across services.

Answer: D

NEW QUESTION 15

Company configures a landing zone in AWS Control Tower. The company handles sensitive data that must remain within the European Union. The company must use only the eu-central-1 Region. The company uses Service Control Policies (SCPs) to enforce data residency policies. GenAI developers at the company are assigned IAM roles that have full permissions for Amazon Bedrock.

The company must ensure that GenAI developers can use the Amazon Nova Pro model through Amazon Bedrock only by using cross-Region inference (CRI) and only in eu-central-1. The company enables model access for the GenAI developer IAM roles in Amazon Bedrock. However, when a GenAI developer attempts to invoke the model through the Amazon Bedrock Chat/Text playground, the GenAI developer receives the following error:

User arn:aws:sts:123456789012:assumed-role/AssumedDevRole/DevUserName Action: bedrock:InvokeModelWithResponseStream

On resource(s): arn:aws:bedrock:eu-west-3::foundation-model/amazon.nova-pro-v1:0 Context: a service control policy explicitly denies the action

The company needs a solution to resolve the error. The solution must retain the company's existing governance controls and must provide precise access control.

The solution must comply with the company's existing data residency policies.

Which combination of solutions will meet these requirements? (Select TWO.)

- A. Add an AdministratorAccess policy to the GenAI developer IAM role
- B. Extend the existing SCPs to enable CRI for the eu.amazon.nova-pro-v1:0 inference profile
- C. Enable Amazon Bedrock model access for Amazon Nova Pro in the eu-west-3 Region
- D. Validate that the GenAI developer IAM roles have permissions to invoke Amazon Nova Pro through the eu.amazon.nova-pro-v1:0 inference profile on all European Union AWS Regions that can serve the model
- E. Extend the existing SCP to enable CRI for the eu-* inference profile

Answer: BE

NEW QUESTION 18

A company has a recommendation system. The system's applications run on Amazon EC2 instances. The applications make API calls to Amazon Bedrock foundation models (FMs) to analyze customer behavior and generate personalized product recommendations.

The system is experiencing intermittent issues. Some recommendations do not match customer preferences. The company needs an observability solution to monitor operational metrics and detect patterns of operational performance degradation compared to established baselines. The solution must also generate alerts with correlation data within 10 minutes when FM behavior deviates from expected patterns.

Which solution will meet these requirements?

- A. Configure Amazon CloudWatch Container Insights for the application infrastructure
- B. Set up CloudWatch alarms for latency threshold
- C. Add custom metrics for token counts by using the CloudWatch embedded metric format
- D. Create CloudWatch dashboards to visualize the data.
- E. Implement AWS X-Ray to trace requests through the application component
- F. Enable CloudWatch Logs Insights for error pattern detection
- G. Set up AWS CloudTrail to monitor all API calls to Amazon Bedrock
- H. Create custom dashboards in Amazon QuickSight.
- I. Enable Amazon CloudWatch Application Insights for the application resource
- J. Create custom metrics for recommendation quality, token usage, and response latency by using the CloudWatch embedded metric format with dimensions for request types and user segment
- K. Configure CloudWatch anomaly detection on the model metric
- L. Establish log pattern analysis by using CloudWatch Logs Insights.
- M. Use Amazon OpenSearch Service with the Observability plugin
- N. Ingest model metrics and logs by using Amazon Kinesis
- O. Create custom Piped Processing Language (PPL) queries to analyze model behavior pattern
- P. Establish operational dashboards to visualize anomalies in real time.

Answer: C

NEW QUESTION 20

A university recently digitized a collection of archival documents, academic journals, and manuscripts. The university stores the digital files in an AWS Lake Formation data lake.

The university hires a GenAI developer to build a solution to allow users to search the digital files by using text queries. The solution must return journal abstracts that are semantically similar to a user's query. Users must be able to search the digitized collection based on text and metadata that is associated with the journal abstracts. The metadata of the digitized files does not contain keywords. The solution must match similar abstracts to one another based on the similarity of their text. The data lake contains fewer than 1 million files.

Which solution will meet these requirements with the LEAST operational overhead?

- A. Use Amazon Titan Embeddings in Amazon Bedrock to create vector representations of the digitized file
- B. Store embeddings in the OpenSearch Neural plugin for Amazon OpenSearch Service.
- C. Use Amazon Comprehend to extract topics from the digitized file
- D. Store the topics and file metadata in an Amazon Aurora PostgreSQL database
- E. Query the abstract metadata against the data in the Aurora database.
- F. Use Amazon SageMaker AI to deploy a sentence-transformer model
- G. Use the model to create vector representations of the digitized file
- H. Store embeddings in an Amazon Aurora PostgreSQL database that has the pgvector extension.
- I. Use Amazon Titan Embeddings in Amazon Bedrock to create vector representations of the digitized file
- J. Store embeddings in an Amazon Aurora PostgreSQL Serverless database that has the pgvector extension.

Answer: D

NEW QUESTION 24

A company upgraded its Amazon Bedrock-powered foundation model (FM) that supports a multilingual customer service assistant. After the upgrade, the assistant exhibited inconsistent behavior across languages. The assistant began generating different responses in some languages when presented with identical questions. The company needs a solution to detect and address similar problems for future updates. The evaluation must be completed within 45 minutes for all supported languages. The evaluation must process at least 15,000 test conversations in parallel. The evaluation process must be fully automated and integrated into the CI/CD pipeline. The solution must block deployment if quality thresholds are not met.

Which solution will meet these requirements?

- A. Create a distributed traffic simulation framework that sends translation-heavy workloads to the assistant in multiple languages simultaneously
- B. Use Amazon CloudWatch metrics to monitor latency, concurrency, and throughput
- C. Run simulations before production releases to identify infrastructure bottlenecks.
- D. Deploy the assistant in multiple AWS Regions with Amazon Route 53 latency-based routing and AWS Global Accelerator to improve global performance
- E. Store multilingual conversation logs in Amazon S3. Perform weekly post-deployment audits to review consistency.
- F. Create a pre-processing pipeline that normalizes all incoming messages into a consistent format before sending the messages to the assistant
- G. Apply rule-based checks to flag potential hallucinations in the output
- H. Focus evaluation on normalized text to simplify testing across languages.
- I. Set up standardized multilingual test conversations with identical meanings
- J. Run the test conversations in parallel by using Amazon Bedrock model evaluation jobs
- K. Apply similarity and hallucination thresholds
- L. Integrate the process into the CI/CD pipeline to block releases that fail.

Answer: D

NEW QUESTION 27

A financial services company needs to build a document analysis system that uses Amazon Bedrock to process quarterly reports. The system must analyze financial data, perform sentiment analysis, and validate compliance across batches of reports. Each batch contains 5 reports. Each report requires multiple foundation model (FM) calls. The solution must finish the analysis within 10 seconds for each batch. Current sequential processing takes 45 seconds for each batch.

Which solution will meet these requirements?

- A. Use AWS Lambda functions with provisioned concurrency to process each analysis type sequentially
- B. Configure the Lambda function timeouts to 10 seconds
- C. Configure automatic retries with exponential backoff.
- D. Use AWS Step Functions with a Parallel state to invoke separate AWS Lambda functions for each analysis type simultaneously
- E. Configure Amazon Bedrock client timeout
- F. Use Amazon CloudWatch metrics to track execution time and model inference latency.
- G. Create an Amazon SQS queue to buffer analysis requests
- H. Deploy multiple AWS Lambda functions with reserved concurrency
- I. Configure each Lambda function to process different aspects of each report sequentially and then combine the results.
- J. Deploy an Amazon ECS cluster that runs containers that process each report sequentially
- K. Use a load balancer to distribute batch workload
- L. Configure an auto-scaling policy based on CPU utilization.

Answer: B

NEW QUESTION 29

A company is developing a generative AI (GenAI)-powered customer support application that uses Amazon Bedrock foundation models (FMs). The application must maintain conversational context across multiple interactions with the same user. The application must run clarification workflows to handle ambiguous user queries. The company must store encrypted records of each user conversation to use for personalization. The application must be able to handle thousands of concurrent users while responding to each user quickly.

Which solution will meet these requirements?

- A. Use an AWS Step Functions Express workflow to orchestrate conversation flow
- B. Invoke AWS Lambda functions to run clarification logic
- C. Store conversation history in Amazon RDS and use session IDs as the primary key.
- D. Use an AWS Step Functions Standard workflow to orchestrate clarification workflow
- E. Include Wait for a Callback patterns to manage the workflow
- F. Store conversation history in Amazon DynamoDB
- G. Purchase on-demand capacity and configure server-side encryption.
- H. Deploy the application by using an Amazon API Gateway REST API to route user requests to an AWS Lambda function to update and retrieve conversation context
- I. Store conversation history in Amazon S3 and configure server-side encryption
- J. Save each interaction as a separate JSON file.
- K. Use AWS Lambda functions to call Amazon Bedrock inference API
- L. Use Amazon SQS queues to orchestrate clarification steps
- M. Store conversation history in an Amazon ElastiCache (Redis OSS) cluster
- N. Configure encryption at rest.

Answer: B

NEW QUESTION 34

A company uses Amazon Bedrock to implement a Retrieval Augmented Generation (RAG)-based system to serve medical information to users. The company needs to compare multiple chunking strategies, evaluate the generation quality of two foundation models (FMs), and enforce quality thresholds for deployment. Which Amazon Bedrock evaluation configuration will meet these requirements?

- A. Create a retrieve-only evaluation job that uses a supported version of Anthropic Claude Sonnet as the evaluator model
- B. Configure metrics for context relevance and context coverage

- C. Define deployment thresholds in a separate CI/CD pipeline.
- D. Create a retrieve-and-generate evaluation job that uses custom precision-at-k metrics and an LLM-as-a-judge metric with a scale of 1–5. Include each chunking strategy in the evaluation dataset
- E. Use a supported version of Anthropic Claude Sonnet to evaluate responses from both FMs.
- F. Create a separate evaluation job for each chunking strategy and FM combination
- G. Use Amazon Bedrock built-in metrics for correctness and completeness
- H. Manually review scores before deployment approval.
- I. Set up a pipeline that uses multiple retrieve-only evaluation jobs to assess retrieval quality
- J. Create separate evaluation jobs for both FMs that use Amazon Nova Pro as the LLM-as-a-judge model
- K. Evaluate based on faithfulness and citation precision metrics.

Answer: B

NEW QUESTION 39

A financial technology company is using Amazon Bedrock to build an assessment system for the company's customer service AI assistant. The AI assistant must provide financial recommendations that are factually accurate, compliant with financial regulations, and conversationally appropriate. The company needs to combine automated quality evaluations at scale with targeted human reviews of critical interactions. What solution will meet these requirements?

- A. Configure a pipeline in which financial experts manually score all responses for accuracy, compliance, and conversational quality
- B. Use Amazon SageMaker notebooks to analyze results to identify improvement areas.
- C. Configure Amazon Bedrock evaluations that use Anthropic Claude Sonnet as a judge model to assess response accuracy and appropriateness
- D. Configure custom Amazon Bedrock guardrails to check responses for compliance with financial policies
- E. Add Amazon Augmented AI (Amazon A2I) human reviews for flagged critical interactions.
- F. Create an Amazon Lex bot to manage customer service interaction
- G. Configure AWS Lambda functions to check responses against a static compliance database
- H. Configure intents that call the Lambda function
- I. Add an additional intent to collect end-user reviews.
- J. Configure Amazon CloudWatch to monitor response patterns from the AI assistant
- K. Configure CloudWatch alerts for potential compliance violation
- L. Establish a team of human evaluators to review flagged interactions.

Answer: B

NEW QUESTION 41

A healthcare company is developing an application to process medical queries. The application must answer complex queries with high accuracy by reducing semantic dilution. The application must refer to domain-specific terminology in medical documents to reduce ambiguity in medical terminology. The application must be able to respond to 1,000 queries each minute with response times less than 2 seconds. Which solution will meet these requirements with the LEAST operational overhead?

- A. Use Amazon API Gateway to route incoming queries to an Amazon Bedrock agent
- B. Configure the agent to use an Anthropic Claude model to decompose queries and an Amazon Titan model to expand queries
- C. Create an Amazon Bedrock knowledge base to store the reference medical documents.
- D. Configure an Amazon Bedrock knowledge base to store the reference medical document
- E. Enable query decomposition in the knowledge base
- F. Configure an Amazon Bedrock flow that uses a foundation model and the knowledge base to support the application.
- G. Use Amazon SageMaker AI to host custom ML models for both query decomposition and query expansion
- H. Configure Amazon Bedrock knowledge bases to store the reference medical document
- I. Encrypt the documents in the knowledge base.
- J. Create an Amazon Bedrock agent to orchestrate multiple AWS Lambda functions to decompose queries
- K. Create an Amazon Bedrock knowledge base to store the reference medical document
- L. Use the agent's built-in knowledge base capabilities
- M. Add deep research and reasoning capabilities to the agent to reduce ambiguity in the medical terminology.

Answer: B

NEW QUESTION 45

A medical device company wants to feed reports of medical procedures that used the company's devices into an AI assistant. To protect patient privacy, the AI assistant must expose patient personally identifiable information (PII) only to surgeons. The AI assistant must redact PII for engineers. The AI assistant must reference only medical reports that are less than 3 years old. The company stores reports in an Amazon S3 bucket as soon as each report is published. The company has already set up an Amazon Bedrock Knowledge Bases. The AI assistant uses Amazon Cognito to authenticate users. Which solution will meet these requirements?

- A. Enable Amazon Macie PII detection on the S3 bucket
- B. Use an S3 trigger to invoke an AWS Lambda function that redacts PII from the report
- C. Configure the Lambda function to delete outdated documents and invoke knowledge base syncing.
- D. Invoke an AWS Lambda function to sync the S3 bucket and the knowledge base when a new report is uploaded
- E. Use a second Lambda function with Amazon Comprehend to redact PII for engineers
- F. Use S3 Lifecycle rules to remove reports older than 3 years.
- G. Set up an S3 Lifecycle configuration to remove reports that are older than 3 years
- H. Schedule an AWS Lambda function to run daily syncs between the bucket and the knowledge base
- I. When users interact with the AI assistant, apply a guardrail configuration selected based on the user's Cognito user group to redact PII from responses when required.
- J. Create a second knowledge base
- K. Use Lambda and Amazon Comprehend to redact PII before syncing to the second knowledge base
- L. Route users to the appropriate knowledge base based on Cognito group membership.

Answer: C

NEW QUESTION 48

A company is developing a generative AI (GenAI) application that analyzes customer service calls in real time and generates suggested responses for human customer service agents. The application must process 500,000 concurrent calls during peak hours with less than 200 ms end-to-end latency for each suggestion. The company uses existing architecture to transcribe customer call audio streams. The application must not exceed a predefined monthly compute budget and must maintain auto scaling capabilities.

Which solution will meet these requirements?

- A. Deploy a large, complex reasoning model on Amazon Bedrock
- B. Purchase provisioned throughput and optimize for batch processing.
- C. Deploy a low-latency, real-time optimized model on Amazon Bedrock
- D. Purchase provisioned throughput and set up automatic scaling policies.
- E. Deploy a large language model (LLM) on an Amazon SageMaker real-time endpoint that uses dedicated GPU instances.
- F. Deploy a mid-sized language model on an Amazon SageMaker serverless endpoint that is optimized for batch processing.

Answer: B

NEW QUESTION 49

A company uses Amazon Bedrock to generate technical content for customers. The company has recently experienced a surge in hallucinated outputs when the company's model generates summaries of long technical documents. The model outputs include inaccurate or fabricated details. The company's current solution uses a large foundation model (FM) with a basic one-shot prompt that includes the full document in a single input.

The company needs a solution that will reduce hallucinations and meet factual accuracy goals. The solution must process more than 1,000 documents each hour and deliver summaries within 3 seconds for each document.

Which combination of solutions will meet these requirements? (Select TWO.)

- A. Implement zero-shot chain-of-thought (CoT) instructions that require step-by-step reasoning with explicit fact verification before the model generates each summary.
- B. Use Retrieval Augmented Generation (RAG) with an Amazon Bedrock knowledge base
- C. Apply semantic chunking and tuned embeddings to ground summaries in source content.
- D. Configure Amazon Bedrock guardrails to block any generated output that matches patterns that are associated with hallucinated content.
- E. Increase the temperature parameter in Amazon Bedrock.
- F. Prompt the Amazon Bedrock model to summarize each full document in one pass.

Answer: BC

NEW QUESTION 53

A financial services company uses an AI application to process financial documents by using Amazon Bedrock. During business hours, the application handles approximately 10,000 requests each hour, which requires consistent throughput.

The company uses the `CreateProvisionedModelThroughput` API to purchase provisioned throughput. Amazon CloudWatch metrics show that the provisioned capacity is unused while on-demand requests are being throttled. The company finds the following code in the application:

```
python
response = bedrock_runtime.invoke_model(modelId="anthropic.claude-v2", body=json.dumps(payload))
```

The company needs the application to use the provisioned throughput and to resolve the throttling issues.

Which solution will meet these requirements?

- A. Increase the number of model units (MUs) in the provisioned throughput configuration.
- B. Replace the model ID parameter with the ARN of the provisioned model that the `CreateProvisionedModelThroughput` API returns.
- C. Add exponential backoff retry logic to handle throttling exceptions during peak hours.
- D. Modify the application to use the `InvokeModelWithResponseStream` API instead of the `InvokeModel` API.

Answer: B

NEW QUESTION 55

An ecommerce company is developing a generative AI (GenAI) solution that uses Amazon Bedrock with Anthropic Claude to recommend products to customers. Customers report that some recommended products are not available for sale or are not relevant. Customers also report long response times for some recommendations.

The company confirms that most customer interactions are unique and that the solution recommends products not present in the product catalog.

Which solution will meet this requirement?

- A. Increase grounding within Amazon Bedrock Guardrail
- B. Enable automated reasoning check
- C. Set up provisioned throughput.
- D. Use prompt engineering to restrict model responses to relevant product
- E. Use streaming inference to reduce perceived latency.
- F. Create an Amazon Bedrock Knowledge Bases and implement Retrieval Augmented Generation (RAG). Set the `PerformanceConfigLatency` parameter to optimized.
- G. Store product catalog data in Amazon OpenSearch Service
- H. Validate model recommendations against the catalog
- I. Use Amazon DynamoDB for response caching.

Answer: C

NEW QUESTION 57

A software company is using Amazon Q Business to build an AI assistant that allows employees to access company information and personal information by using natural language prompts. The company stores this information in an Amazon S3 bucket.

Each department in the company has a dedicated prefix in the S3 bucket. Each object name includes the S3 prefix of the department that it belongs to. Each department can belong to only a single group in AWS IAM Identity Center. Each employee belongs to a single department.

The company configures Amazon Q Business to access data stored in an S3 bucket as a data source. The company needs to ensure that the AI assistant respects access controls based on the user's IAM Identity Center group membership.

Which solution will meet this requirement with the LEAST operational overhead?

- A. Create a JSON file named acl.json in each department folder
- B. In each file, create access control entries that specify the IAM Identity Center group that should have access to that department's data
- C. Indicate the location of the JSON file in the Access Control section of the data source settings.
- D. Create a single JSON file named acl.json at the top level of the S3 bucket
- E. Add access control entries that map each department's S3 prefix to its corresponding IAM Identity Center group
- F. Indicate the location of the JSON file in the Access Control section of the data source settings.
- G. For each IAM Identity Center group, create a separate permissions set that denies access to all prefixes in the S3 bucket
- H. Add a StringNotEquals condition key to the permissions set for each group that specifies the department each group is associated with
- I. Attach the permissions sets to the Identity Center groups.
- J. Create a metadata file named metadata.json at the top level of the S3 bucket
- K. Add an AccessControlList object to the file that specifies the S3 path of each department's prefix
- L. Specify the IAM Identity Center group that should have access to each department's prefix
- M. Reference the file location in the data source metadata settings.

Answer: B

NEW QUESTION 58

A company provides a service that helps users from around the world discover new restaurants. The service has 50 million monthly active users. The company wants to implement a semantic search solution across a database that contains 20 million restaurants and 200 million reviews. The company currently stores the data in PostgreSQL.

The solution must support complex natural language queries and return results for at least 95% of queries within 500 ms. The solution must maintain data freshness for restaurant details that update hourly. The solution must also scale cost-effectively during peak usage periods.

Which solution will meet these requirements with the LEAST development effort?

- A. Migrate the restaurant data to Amazon OpenSearch Service
- B. Implement keyword-based search rules that use custom analyzers and relevance tuning to find restaurants based on attributes such as cuisine type, features, and location
- C. Create Amazon API Gateway HTTP API endpoints to transform user queries into structured search parameters.
- D. Migrate the restaurant data to Amazon OpenSearch Service
- E. Use a foundation model (FM) in Amazon Bedrock to generate vector embeddings from restaurant descriptions, reviews, and menu items
- F. When users submit natural language queries, convert the queries to embeddings by using the same FM
- G. Perform k-nearest neighbors (k-NN) searches to find semantically similar results.
- H. Keep the restaurant data in PostgreSQL and implement a pgvector extension
- I. Use a foundation model (FM) in Amazon Bedrock to generate vector embeddings from restaurant data
- J. Store the vector embeddings directly in PostgreSQL
- K. Create an AWS Lambda function to convert natural language queries to vector representations by using the same FM
- L. Configure the Lambda function to perform similarity searches within the database.
- M. Migrate restaurant data to an Amazon Bedrock knowledge base by using a custom ingestion pipeline
- N. Configure the knowledge base to automatically generate embeddings from restaurant information
- O. Use the Amazon Bedrock Retrieve API with built-in vector search capabilities to query the knowledge base directly by using natural language input.

Answer: B

NEW QUESTION 60

A company is implementing a serverless inference API by using AWS Lambda. The API will dynamically invoke multiple AI models hosted on Amazon Bedrock. The company needs to design a solution that can switch between model providers without modifying or redeploying Lambda code in real time. The design must include safe rollout of configuration changes and validation and rollback capabilities.

Which solution will meet these requirements?

- A. Store the active model provider in AWS Systems Manager Parameter Store
- B. Configure a Lambda function to read the parameter at runtime to determine which model to invoke.
- C. Store the active model provider in AWS AppConfig
- D. Configure a Lambda function to read the configuration at runtime to determine which model to invoke.
- E. Configure an Amazon API Gateway REST API to route requests to separate Lambda functions
- F. Hardcode each Lambda function to a specific model provider
- G. Switch the integration target manually.
- H. Store the active model provider in a JSON file hosted on Amazon S3. Use AWS AppConfig to reference the S3 file as a hosted configuration source
- I. Configure a Lambda function to read the file through AppConfig at runtime to determine which model to invoke.

Answer: B

NEW QUESTION 63

A company is designing a canary deployment strategy for a payment processing API. The system must support automated gradual traffic shifting between multiple Amazon Bedrock models based on real-time inference metrics, historical traffic patterns, and service health. The solution must be able to gradually increase traffic to new model versions. The system must increase traffic if metrics remain healthy and decrease traffic if the performance degrades below acceptable thresholds.

The company needs to comprehensively monitor inference latency and error rates during the deployment phase. The company must also be able to halt deployments and revert to a previous model version without any manual intervention.

Which solution will meet these requirements?

- A. Use Amazon Bedrock with provisioned throughput to host model version
- B. Configure an Amazon EventBridge rule to invoke an AWS Step Functions workflow when a new model version is released
- C. Configure the workflow to shift traffic in stages, wait for a specified time period, and invoke an AWS Lambda function to check Amazon CloudWatch performance metrics
- D. Configure the workflow to increase traffic if metrics meet thresholds and to trigger a traffic rollback if performance metrics fall below thresholds.
- E. Use AWS Lambda functions to invoke various Amazon Bedrock model versions
- F. Use an Amazon API Gateway HTTP API with stage variables and weighted routing to shift traffic gradually
- G. Use Amazon CloudWatch to monitor performance
- H. Use external logic to adjust traffic and roll back if performance falls below thresholds.
- I. Use Amazon SageMaker AI endpoint variants to represent multiple Amazon Bedrock model versions
- J. Use variant weights to shift traffic

- K. Use Amazon CloudWatch and SageMaker Model Monitor to trigger rollback
- L. Use EventBridge to roll back deployments if an anomaly is detected.
- M. Use Amazon OpenSearch Service to track inference log
- N. Configure OpenSearch Service to invoke an AWS Systems Manager Automation runbook to update Amazon Bedrock model endpoints to shift traffic based on inference logs.

Answer: A

NEW QUESTION 64

A bank is developing a generative AI (GenAI)-powered AI assistant that uses Amazon Bedrock to assist the bank's website users with account inquiries and financial guidance. The bank must ensure that the AI assistant does not reveal any personally identifiable information (PII) in customer interactions. The AI assistant must not send PII in prompts to the GenAI model. The AI assistant must not respond to customer requests to provide investment advice. The bank must collect audit logs of all customer interactions, including any images or documents that are transmitted during customer interactions. Which solution will meet these requirements with the LEAST operational effort?

- A. Use Amazon Macie to detect and redact PII in user inputs and in the model response
- B. Apply prompt engineering techniques to force the model to avoid investment advice topic
- C. Use AWS CloudTrail to capture conversation logs.
- D. Use an AWS Lambda function and Amazon Comprehend to detect and redact PII
- E. Use Amazon Comprehend topic modeling to prevent the AI assistant from discussing investment advice topic
- F. Set up custom metrics in Amazon CloudWatch to capture customer conversations.
- G. Configure Amazon Bedrock guardrails to apply a sensitive information policy to detect and filter PII
- H. Set up a topic policy to ensure that the AI assistant avoids investment advice topic
- I. Use the Converse API to log model invocation
- J. Enable delivery and image logging to Amazon S3.
- K. Use regex controls to match patterns for PII
- L. Apply prompt engineering techniques to avoid returning PII or investment advice topics to customer
- M. Enable model invocation logging, delivery logging, and image logging to Amazon S3.

Answer: C

NEW QUESTION 69

A financial services company is creating a Retrieval Augmented Generation (RAG) application that uses Amazon Bedrock to generate summaries of market activities. The application relies on a vector database that stores a small proprietary dataset with a low index count. The application must perform similarity searches. The Amazon Bedrock model's responses must maximize accuracy and maintain high performance. The company needs to configure the vector database and integrate it with the application. Which solution will meet these requirements?

- A. Launch an Amazon MemoryDB cluster and configure the index by using the Flat algorithm
- B. Configure a horizontal scaling policy based on performance metrics.
- C. Launch an Amazon MemoryDB cluster and configure the index by using the Hierarchical Navigable Small World (HNSW) algorithm
- D. Configure a vertical scaling policy based on performance metrics.
- E. Launch an Amazon Aurora PostgreSQL cluster and configure the index by using the Inverted File with Flat Compression (IVFFlat) algorithm
- F. Configure the instance class to scale to a larger size when the load increases.
- G. Launch an Amazon DocumentDB cluster that has an IVFFlat index and a high probe value
- H. Configure connections to the cluster as a replica set
- I. Distribute reads to replica instances.

Answer: B

NEW QUESTION 74

A legal research company has a Retrieval Augmented Generation (RAG) application that uses Amazon Bedrock and Amazon OpenSearch Service. The application stores 768-dimensional vector embeddings for 15 million legal documents, including statutes, court rulings, and case summaries. The company's current chunking strategy segments text into fixed-length blocks of 500 tokens. The current chunking strategy often splits contextually linked information such as legal arguments, court opinions, or statute references across separate chunks. Researchers report that generated outputs frequently omit key context or cite outdated legal information. Recent application logs show a 40% increase in response times. The p95 latency metric exceeds 2 seconds. The company expects storage needs for the application to grow from 90 GB to 360 GB within a year. The company needs a solution to improve retrieval relevance and system performance at scale. Which solution will meet these requirements?

- A. Increase the embedding vector dimensionality from 768 to 4,096 without changing the existing chunking or pre-processing strategy.
- B. Replace dynamic retrieval with static, pre-written summaries that are stored in Amazon S3. Use Amazon CloudFront to serve the summaries to reduce compute demand and improve predictability.
- C. Update the chunking strategy to use semantic boundaries such as complete legal arguments, clauses, or sections rather than fixed token limit
- D. Regenerate vector embeddings to align with the new chunk structure.
- E. Migrate from OpenSearch Service to Amazon DynamoDB
- F. Implement keyword-based indexes to enable faster lookups for legal concepts.

Answer: C

NEW QUESTION 76

A company is using Amazon Bedrock and Anthropic Claude 3 Haiku to develop an AI assistant. The AI assistant normally processes 10,000 requests each hour but experiences surges of up to 30,000 requests each hour during peak usage periods. The AI assistant must respond within 2 seconds while operating across multiple AWS Regions. The company observes that during peak usage periods, the AI assistant experiences throughput bottlenecks that cause increased latency and occasional request timeouts. The company must resolve the performance issues. Which solution will meet this requirement?

- A. Purchase provisioned throughput and sufficient model units (MUs) in a single Region

- B. Configure the application to retry failed requests with exponential backoff.
- C. Implement token batching to reduce API overhead.
- D. Use cross-Region inference profiles to automatically distribute traffic across available Regions.
- E. Set up auto scaling AWS Lambda functions in each Region.
- F. Implement client-side round-robin request distribution.
- G. Purchase one model unit (MU) of provisioned throughput as a backup.
- H. Implement batch inference for all requests by using Amazon S3 buckets across multiple Regions.
- I. Use Amazon SQS to set up an asynchronous retrieval process.

Answer: B

NEW QUESTION 80

An elevator service company has developed an AI assistant application by using Amazon Bedrock. The application generates elevator maintenance recommendations to support the company's elevator technicians. The company uses Amazon Kinesis Data Streams to collect the elevator sensor data. New regulatory rules require that a human technician must review all AI-generated recommendations. The company needs to establish human oversight workflows to review and approve AI recommendations. The company must store all human technician review decisions for audit purposes. Which solution will meet these requirements?

- A. Create a custom approval workflow by using AWS Lambda functions and Amazon SQS queues for human review of AI recommendations.
- B. Store all review decisions in Amazon DynamoDB for audit purposes.
- C. Create an AWS Step Functions workflow that has a human approval step that uses the `waitForTaskToken` API to pause execution.
- D. After a human technician completes a review, use an AWS Lambda function to call the `SendTaskSuccess` API with the approval decision.
- E. Store all review decisions in Amazon DynamoDB.
- F. Create an AWS Glue workflow that has a human approval step.
- G. After the human technician review, integrate the application with an AWS Lambda function that calls the `SendTaskSuccess` API.
- H. Store all human technician review decisions in Amazon DynamoDB.
- I. Configure Amazon EventBridge rules with custom event patterns to route AI recommendations to human technicians for review.
- J. Create AWS Glue jobs to process human technician approval queue.
- K. Use Amazon ElastiCache to cache all human technician review decisions.

Answer: B

NEW QUESTION 85

A company is developing a customer support application that uses Amazon Bedrock foundation models (FMs) to provide real-time AI assistance to the company's employees. The application must display AI-generated responses character by character as the responses are generated. The application needs to support thousands of concurrent users with minimal latency. The responses typically take 15 to 45 seconds to finish. Which solution will meet these requirements?

- A. Configure an Amazon API Gateway WebSocket API with an AWS Lambda integration.
- B. Configure the WebSocket API to invoke the Amazon Bedrock `InvokeModelWithResponseStream` API and stream partial responses through WebSocket connections.
- C. Configure an Amazon API Gateway REST API with an AWS Lambda integration.
- D. Configure the REST API to invoke the Amazon Bedrock standard `InvokeModel` API and implement frontend client-side polling every 100 ms for complete response chunks.
- E. Implement direct frontend client connections to Amazon Bedrock by using IAM user credentials and the `InvokeModelWithResponseStream` API without any intermediate gateway or proxy layer.
- F. Configure an Amazon API Gateway HTTP API with an AWS Lambda integration.
- G. Configure the HTTP API to cache complete responses in an Amazon DynamoDB table and serve the responses through multiple paginated GET requests to frontend clients.

Answer: A

NEW QUESTION 90

A GenAI developer is evaluating Amazon Bedrock foundation models (FMs) to enhance a Europe-based company's internal business application. The company has a multi-account landing zone in AWS Control Tower. The company uses Service Control Policies (SCPs) to allow its accounts to use only the eu-north-1 and eu-west-1 Regions. All customer data must remain in private networks within the approved AWS Regions. The GenAI developer selects an FM based on analysis and testing and hosts the model in the eu-central-1 Region and the eu-west-3 Region. The GenAI developer must enable access to the FM for the company's employees. The GenAI developer must ensure that requests to the FM are private and remain within the same Regions as the FM. Which solution will meet these requirements?

- A. Deploy an AWS Lambda function that is exposed by a private Amazon API Gateway REST API to a VPC in eu-north-1. Create a VPC endpoint for the selected FM in eu-central-1 and eu-west-3. Extend existing SCPs to allow employees to use the FM.
- B. Integrate the REST API with the business application.
- C. Deploy the FM on Amazon EC2 instances in eu-north-1. Deploy a private Amazon API Gateway REST API in front of the EC2 instance.
- D. Configure an Amazon Bedrock VPC endpoint.
- E. Integrate the REST API with the business application.
- F. Configure the FM to use cross-Region inference through a Europe-scoped endpoint.
- G. Configure an Amazon Bedrock VPC endpoint.
- H. Extend existing SCPs to allow employees to use the FM through inference profiles in Europe-based Regions where the FM is available.
- I. Use an inference profile to integrate Amazon Bedrock with the business application.
- J. Deploy the FM in Amazon SageMaker in eu-north-1. Configure a SageMaker VPC endpoint.
- K. Extend existing SCPs to allow employees to use the SageMaker endpoint.
- L. Integrate the FM in SageMaker with the business application.

Answer: C

NEW QUESTION 94

A company is developing a customer communication platform that uses an AI assistant powered by an Amazon Bedrock foundation model (FM). The AI assistant

summarizes customer messages and generates initial response drafts.

The company wants to use Amazon Comprehend to implement layered content filtering. The layered content filtering must prevent sharing of offensive content, protect customer privacy, and detect potential inappropriate advice solicitation. Inappropriate advice solicitation includes requests for unethical practices, harmful activities, or manipulative behaviors.

The solution must maintain acceptable overall response times, so all pre-processing filters must finish before the content reaches the FM.

Which solution will meet these requirements?

- A. Use parallel processing with asynchronous API call
- B. Use toxicity detection for offensive content
- C. Use prompt safety classification for inappropriate advice solicitation
- D. Use personally identifiable information (PII) detection without redaction.
- E. Use custom classification to build an FM that detects offensive content and inappropriate advice solicitation
- F. Apply personally identifiable information (PII) detection as a secondary filter only when messages pass the custom classifier.
- G. Deploy a multi-stage process
- H. Configure the process to use prompt safety classification first, then toxicity detection on safe prompts only, and finally personally identifiable information (PII) detection in streaming mode
- I. Route flagged messages through Amazon EventBridge for human review.
- J. Use toxicity detection with thresholds configured to 0.5 for all categories
- K. Use parallel processing for both prompt safety classification and personally identifiable information (PII) detection with entity redaction
- L. Apply Amazon CloudWatch alarms to filter metrics.

Answer: D

NEW QUESTION 98

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