

Salesforce

Exam Questions Salesforce-AI-Associate

Salesforce Certified AI Associate Exam (SU23)



NEW QUESTION 1

What are the key components of the data quality standard?

- A. Naming, formatting, Monitoring
- B. Accuracy, Completeness, Consistency
- C. Reviewing, Updating, Archiving

Answer: B

Explanation:

“Accuracy, Completeness, Consistency are the key components of the data quality standard. Data quality standard is a set of criteria or measures that define and evaluate the quality of data for a specific purpose or task. Data quality standard can vary by industry, domain, or application, but some common components are accuracy, completeness, and consistency. Accuracy means that the data values are correct and valid for the data attribute. Completeness means that the data values are not missing any relevant information for the data attribute. Consistency means that the data values are uniform and follow a common standard or format across different records, fields, or sources.”

NEW QUESTION 2

Cloud Kicks wants to implement AI features on its Salesforce Platform but has concerns about potential ethical and privacy challenges. What should they consider doing to minimize potential AI bias?

- A. Integrate AI models that auto-correct biased data.
- B. Implement Salesforce's Trusted AI Principles.
- C. Use demographic data to identify minority groups.

Answer: B

Explanation:

“Implementing Salesforce’s Trusted AI Principles is what Cloud Kicks should consider doing to minimize potential AI bias. Salesforce’s Trusted AI Principles are a set of guidelines and best practices for developing and using AI systems in a responsible and ethical way. The principles include Accountability, Fairness & Equality, Transparency & Explainability, Privacy & Security, Reliability & Safety, Inclusivity & Diversity, Empowerment & Education.”

NEW QUESTION 3

Which type of bias imposes a system’s values on others?

- A. Societal
- B. Automation
- C. Association

Answer: A

Explanation:

“Societal bias is the type of bias that imposes a system’s values on others. Societal bias is a type of bias that reflects the assumptions, norms, or values of a specific society or culture. Societal bias can affect the fairness and ethics of AI systems, as they may affect how different groups or domains are perceived, treated, or represented by AI systems. For example, societal bias can occur when AI systems impose a system’s values on others, such as using Western standards of beauty or success to judge or rank people from other cultures.”

NEW QUESTION 4

Which action introduces bias in the training data used for AI algorithms?

- A. Using a large dataset that is computationally expensive
- B. Using a dataset that represents diverse perspectives and populations
- C. Using a dataset that underrepresents perspectives and populations

Answer: C

Explanation:

Introducing bias in training data for AI algorithms occurs when the dataset used underrepresents certain perspectives and populations. This type of bias can skew AI predictions, making the system less fair and accurate. For example, if a dataset predominantly contains information from one demographic group, the AI’s performance may not generalize well to other groups, leading to biased or unfair outcomes. Salesforce discusses the impact of biased training data and ways to mitigate this in their AI ethics guidelines, which can be explored further in the Salesforce AI documentation on Responsible Creation of AI.

NEW QUESTION 5

Cloud Kicks relies on data analysis to optimize its product recommendation; however, CK encounters a recurring Issue of Incomplete customer records, with missing contact Information and incomplete purchase histories. How will this incomplete data quality impact the company’s operations?

- A. The accuracy of product recommendations is hindered.
- B. The diversity of product recommendations Is Improved.
- C. The response time for product recommendations is stalled.

Answer: A

Explanation:

“The incomplete data quality will impact the company’s operations by hindering the accuracy of product recommendations. Incomplete data means that the data is missing some values or attributes that are relevant for the AI task. Incomplete data can affect the performance and reliability of AI models, as they may not have enough information to learn from or make accurate predictions. For example, incomplete customer records can affect the quality of product recommendations, as

the AI model may not be able to capture the customers' preferences, behavior, or needs.”

NEW QUESTION 6

How is natural language processing (NLP) used in the context of AI capabilities?

- A. To cleanse and prepare data for AI implementations
- B. To interpret and understand programming language
- C. To understand and generate human language

Answer: C

Explanation:

“Natural language processing (NLP) is used in the context of AI capabilities to understand and generate human language. NLP can enable AI systems to interact with humans using natural language, such as speech or text. NLP can also enable AI systems to analyze and extract information from natural language data, such as documents, emails, or social media posts.”

NEW QUESTION 7

A marketing manager wants to use AI to better engage their customers. Which functionality provides the best solution?

- A. Journey Optimization
- B. Bring Your Own Model
- C. Einstein Engagement

Answer: C

Explanation:

“Einstein Engagement provides the best solution for a marketing manager who wants to use AI to better engage their customers. Einstein Engagement is a feature that uses AI to optimize email marketing campaigns by providing insights and recommendations on the best time, frequency, content, and subject lines to send emails to each customer. Einstein Engagement can help increase customer engagement, retention, and loyalty by delivering personalized and relevant messages.”

NEW QUESTION 8

Cloud Kicks wants to evaluate the quality of its sales data.
Which first step should they take for the data quality assessment?

- A. Plan and align territories,
- B. Run a new report or dashboard.
- C. Identify business objectives.

Answer: C

Explanation:

The first step Cloud Kicks should take for data quality assessment is to identify business objectives. This is crucial because understanding how the company uses customer data to support its business objectives will guide the assessment process¹. By identifying the business objectives, Cloud Kicks can determine what customer data is required to support those objectives and how that data is being used. This foundational step is essential before moving on to other aspects of data quality assessment, such as running reports or planning territories. It aligns the data quality initiatives with the company's goals and ensures that the assessment is focused on areas that will drive business value

NEW QUESTION 9

What does the term "data completeness" refer to in the context of data quality?

- A. The degree to which all required data points are present in the dataset
- B. The process of aggregating multiple datasets from various databases
- C. The ability to access data from multiple sources in real time

Answer: A

Explanation:

Data completeness is a measure of data quality that assesses whether all required data points are present in a dataset. It checks for missing values or gaps in data necessary for accurate analysis and decision-making. In the context of Salesforce, ensuring data completeness is crucial for the effectiveness of CRM operations, reporting, and AI-driven applications like Salesforce Einstein, which rely on complete data to function optimally. Salesforce provides various tools and features, such as data validation rules and batch data import processes, that help maintain data completeness across its platform. Detailed guidance on managing data quality in Salesforce can be found in the Salesforce Help documentation on data management at Salesforce Help Data Management.

NEW QUESTION 10

What are the potential consequences of an organization suffering from poor data quality?

- A. Low employee morale, stock devaluation, and inability to attract top talent
- B. Revenue loss, poor customer service, and reputational damage
- C. Technical debt, monolithic system architecture, and slow ETL throughput

Answer: B

Explanation:

The potential consequences of an organization suffering from poor data quality include revenue loss, poor customer service, and reputational damage. Poor data quality can lead to inaccurate analytics and decision-making, impacting customer interactions, marketing strategies, and financial forecasting. These issues ultimately affect customer satisfaction and could lead to financial losses and a damaged brand reputation. Salesforce highlights the importance of maintaining high

data quality for effective CRM and AI applications, offering various tools and best practices to enhance data integrity. For guidance on managing and improving data quality in Salesforce, see the Salesforce documentation on data quality at Salesforce Data Quality.

NEW QUESTION 10

Which data does Salesforce automatically exclude from marketing Cloud Einstein engagement model training to mitigate bias and ethic...

- A. Geographic
- B. Geographic
- C. Cryptographic

Answer: B

Explanation:

“Demographic data is the data that Salesforce automatically excludes from Marketing Cloud Einstein engagement model training to mitigate bias and ethical concerns. Demographic data is data that describes the characteristics of a population or a group of people, such as age, gender, race, ethnicity, income, education, or occupation. Demographic data can lead to bias if it is used to discriminate or treat people differently based on their identity or attributes. Demographic data can also reflect existing biases or stereotypes in society or culture, which can affect the fairness and ethics of AI systems. Salesforce excludes demographic data from Marketing Cloud Einstein engagement model training to mitigate bias and ethical concerns by ensuring that the models are based on behavioral data rather than personal data.”

NEW QUESTION 14

What is a key challenge of human AI collaboration in decision-making?

- A. Leads to move informed and balanced decision-making
- B. Creates a reliance on AI, potentially leading to less critical thinking and oversight
- C. Reduce the need for human involvement in decision-making processes

Answer: B

Explanation:

“A key challenge of human-AI collaboration in decision-making is that it creates a reliance on AI, potentially leading to less critical thinking and oversight. Human-AI collaboration is a process that involves humans and AI systems working together to achieve a common goal or task. Human-AI collaboration can have many benefits, such as leveraging the strengths and complementing the weaknesses of both humans and AI systems. However, human-AI collaboration can also pose some challenges, such as creating a reliance on AI, potentially leading to less critical thinking and oversight. For example, human-AI collaboration can create a reliance on AI if humans blindly trust or follow the AI recommendations without questioning or verifying their validity or rationale.”

NEW QUESTION 18

What is a Key consideration regarding data quality in AI implementation?

- A. Techniques from customizing AI features in Salesforce
- B. Data's role in training and fine-tuning Salesforce AI models
- C. Integration process of AI models with Salesforce workflows

Answer: B

Explanation:

“Data's role in training and fine-tuning Salesforce AI models is a key consideration regarding data quality in AI implementation. Data quality is the degree to which data is accurate, complete, consistent, relevant, and timely for the AI task. Data quality can affect the performance and reliability of AI systems, as they depend on the quality of the data they use to learn from and make predictions. Data's role in training and fine-tuning Salesforce AI models means understanding how data is used to build, train, test, and improve AI models in Salesforce, such as Einstein Prediction Builder or Einstein Discovery.”

NEW QUESTION 20

How does poor data quality affect predictive and generative AI models?

- A. Creates inaccurate results
- B. Increases raw data volume
- C. Decreases storage efficiency

Answer: A

Explanation:

Poor data quality significantly impacts the performance of predictive and generative AI models by leading to inaccurate and unreliable results. Factors such as incomplete data, incorrect data, or poorly formatted data can mislead AI models during the learning phase, causing them to make incorrect assumptions, learn inappropriate patterns, or generalize poorly to new data. This inaccuracy can be detrimental in applications where precision is critical, such as in predictive analytics for sales forecasting or customer behavior analysis. Salesforce emphasizes the importance of data quality for AI model effectiveness in their AI best practices guide, which can be reviewed on Salesforce AI Best Practices.

NEW QUESTION 24

What is Salesforce's Trusted AI Principle of Transparency?

- A. The customization of AI features to meet specific business requirements
- B. The integration of AI models with Salesforce workflows
- C. The clear and understandable explanation of AI decisions and actions

Answer: C

Explanation:

Salesforce's Trusted AI Principle of Transparency emphasizes the importance of providing clear and understandable explanations of AI decisions and actions. This principle ensures that users can understand how AI conclusions are drawn, which is crucial for trust and accountability, especially in business applications where AI decisions can have significant impacts. Transparency helps mitigate the "black box" nature of AI systems by making them more interpretable and allows for better oversight, compliance, and alignment with ethical guidelines. Salesforce elaborates on these principles in their ethical AI practices, which can be further explored at Salesforce Ethical AI.

NEW QUESTION 25

Which action should be taken to develop and implement trusted generated AI with Salesforce's safety guideline in mind?

- A. Develop right-sized models to reduce our carbon footprint.
- B. Create guardrails that mitigates toxicity and protect PII
- C. Be transparent when AI has created and automatically delivered content.

Answer: B

Explanation:

"Creating guardrails that mitigate toxicity and protect PII is an action that should be taken to develop and implement trusted generative AI with Salesforce's safety guideline in mind. Salesforce's safety guideline is one of the Trusted AI Principles that states that AI systems should be designed and developed with respect for the safety and well-being of humans and the environment. Creating guardrails means implementing measures or mechanisms that can prevent or limit the potential harm or risk caused by AI systems. For example, creating guardrails can help mitigate toxicity by filtering out inappropriate or offensive content generated by AI systems. Creating guardrails can also help protect PII by masking or anonymizing personal or sensitive information generated by AI systems."

NEW QUESTION 27

What is a key characteristic of machine learning in the context of AI capabilities?

- A. Uses algorithms to learn from data and make decisions
- B. Relies on preprogrammed rules to make decisions
- C. Can perfectly mimic human intelligence and decision-making

Answer: A

Explanation:

"Machine learning is a key characteristic of AI capabilities that uses algorithms to learn from data and make decisions. Machine learning is a branch of AI that enables computers to learn from data without being explicitly programmed. Machine learning algorithms can analyze data, identify patterns, and make predictions or recommendations based on the data."

NEW QUESTION 31

Cloud Kicks prepares a dataset for an AI model and identifies some inconsistencies in the data. What is the most appropriate action the company should take?

- A. Adjust the AI model to account for the data inconsistencies.
- B. Increase the quantity of data being used for training the model
- C. Investigate the data inconsistencies and apply data quality techniques.

Answer: C

Explanation:

When inconsistencies in data are identified, the most appropriate action is to investigate these inconsistencies and apply data quality techniques. Adjusting the AI model to accommodate poor quality data or simply increasing the quantity of data without addressing the underlying issues does not solve the problem and can lead to less reliable AI outputs. Proper data cleaning, normalization, and validation are necessary steps to ensure that the data fed into an AI model is accurate and reliable, thus enhancing the model's performance. Salesforce provides guidelines on how to manage and improve data quality, including practical steps for addressing data inconsistencies, detailed at Improving Data Quality in Salesforce.

NEW QUESTION 33

A financial institution plans a campaign for preapproved credit cards? How should they implement Salesforce's Trusted AI Principle of Transparency?

- A. Communicate how risk factors such as credit score can impact customer eligibility.
- B. Flag sensitive variables and their proxies to prevent discriminatory lending practices.
- C. Incorporate customer feedback into the model's continuous training.

Answer: B

Explanation:

"Flagging sensitive variables and their proxies to prevent discriminatory lending practices is how they should implement Salesforce's Trusted AI Principle of Transparency. Transparency is one of the Trusted AI Principles that states that AI systems should be designed and developed with respect for clarity and openness in how they work and why they make certain decisions. Transparency also means that AI users should be able to access relevant information and documentation about the AI systems they interact with. Flagging sensitive variables and their proxies means identifying and marking variables that can potentially cause discrimination or unfair treatment based on a person's identity or characteristics, such as age, gender, race, income, or credit score. Flagging sensitive variables and their proxies can help implement Transparency by allowing users to understand and evaluate the data used or generated by AI systems."

NEW QUESTION 38

A business analyst (BA) is preparing a new use case for AI. They run a report to check for null values in the attributes they plan to use. Which data quality component is the BA verifying by checking for null values?

- A. Duplication
- B. Usage
- C. Completeness

Answer: C

Explanation:

By checking for null values, a business analyst (BA) is verifying the data quality component of completeness. Completeness refers to the absence of missing values or gaps in the data, which is essential for the accuracy and reliability of reports and analytics used in AI models. Null values can indicate incomplete data, which may adversely affect the performance of AI applications by leading to incorrect predictions or insights. Salesforce emphasizes the importance of data completeness for effective data analysis and provides tools for data quality assessment and improvement. Details on handling data completeness in Salesforce can be explored at Salesforce Help Data Management.

NEW QUESTION 39

What is one technique to mitigate bias and ensure fairness in AI applications?

- A. Ongoing auditing and monitoring of data that is used in AI applications
- B. Excluding data features from the AI application to benefit a population
- C. Using data that contains more examples of minority groups than majority groups

Answer: A

Explanation:

A technique to mitigate bias and ensure fairness in AI applications is ongoing auditing and monitoring of the data used in AI applications. Regular audits help identify and address any biases that may exist in the data, ensuring that AI models function fairly and without prejudice. Monitoring involves continuously checking the performance of AI systems to safeguard against discriminatory outcomes. Salesforce emphasizes the importance of ethical AI practices, including transparency and fairness, which can be further explored through Salesforce's AI ethics guidelines at Salesforce AI Ethics.

NEW QUESTION 42

What is an implication of user consent in regard to AI data privacy?

- A. AI ensures complete data privacy by automatically obtaining user consent.
- B. AI infringes on privacy when user consent is not obtained.
- C. AI operates independently of user privacy and consent.

Answer: B

Explanation:

"AI infringes on privacy when user consent is not obtained. User consent is the permission or agreement given by a user to allow their personal data to be collected, used, shared, or stored by others. User consent is an important aspect of data privacy, which is the right of individuals to control how their personal data is handled by others. AI infringes on privacy when user consent is not obtained because it violates the user's rights and preferences regarding their personal data."

NEW QUESTION 43

What can bias in AI algorithms in CRM lead to?

- A. Personalization and target marketing changes
- B. Advertising cost increases
- C. Ethical challenges in CRM systems

Answer: C

Explanation:

"Bias in AI algorithms in CRM can lead to ethical challenges in CRM systems. Bias means that AI algorithms favor or discriminate certain groups or outcomes based on irrelevant or unfair criteria. Bias can affect the fairness and ethics of CRM systems, as they may affect how customers are perceived, treated, or represented by AI algorithms. For example, bias can lead to ethical challenges in CRM systems if AI algorithms make inaccurate or harmful predictions or recommendations based on customers' identity or characteristics."

NEW QUESTION 46

Which features of Einstein enhance sales efficiency and effectiveness?

- A. Opportunity List View, Lead List View, Account List view
- B. Opportunity Scoring, Opportunity List View, Opportunity Dashboard
- C. Opportunity Scoring, Lead Scoring, Account Insights

Answer: C

Explanation:

"Opportunity Scoring, Lead Scoring, Account Insights are features of Einstein that enhance sales efficiency and effectiveness. Opportunity Scoring and Lead Scoring use predictive models to assign scores to opportunities and leads based on their likelihood to close or convert. Account Insights use natural language processing (NLP) to provide relevant news and insights about accounts based on their industry, location, or events."

NEW QUESTION 50

What are the three commonly used examples of AI in CRM?

- A. Predictive scoring, reporting, Image classification
- B. Predictive scoring, forecasting, recommendations
- C. Einstein Bots, face recognition, recommendations

Answer: B

Explanation:

“Predictive scoring, forecasting, and recommendations are three commonly used examples of AI in CRM. Predictive scoring can help prioritize leads, opportunities, and customers based on their likelihood to convert, churn, or buy. Forecasting can help predict future sales, revenue, or demand based on historical data and trends. Recommendations can help suggest the best products, services, or actions for each customer based on their preferences, behavior, and needs.”

NEW QUESTION 54

What is a societal implication of excluding ethics in AI development?

- A. Faster and cheaper development
- B. More innovation and creativity
- C. Harm to marginalized communities

Answer: C

Explanation:

Excluding ethics in AI development can lead to societal implications such as harm to marginalized communities. When ethical considerations are not integrated into AI development, the resulting technologies may perpetuate or amplify biases, leading to unfair treatment or discrimination against certain groups. This can reinforce existing social inequalities and prevent these communities from benefiting equally from the advancements in AI technology. Salesforce is committed to responsible AI development and emphasizes the importance of ethical considerations in their development practices to prevent such outcomes. Details on Salesforce’s approach to ethical AI and its importance can be found at Salesforce Ethical AI.

NEW QUESTION 55

A developer is tasked with selecting a suitable dataset for training an AI model in Salesforce to accurately predict current customer behavior. What is a crucial factor that the developer should consider during selection?

- A. Number of variables in the dataset
- B. Size of the dataset
- C. Age of the dataset

Answer: B

Explanation:

“The size of the dataset is a crucial factor that the developer should consider during selection. The size of the dataset refers to the amount or volume of data available for training an AI model. The size of the dataset can affect the feasibility and quality of the AI model, as well as the choice of AI techniques and tools. The size of the dataset should be large enough to provide sufficient information for the AI model to learn from and generalize well to new data.”

NEW QUESTION 58

What is a potential source of bias in training data for AI models?

- A. The data is collected in real time from source systems.
- B. The data is skewed toward a particular demographic or source.
- C. The data is collected from a diverse range of sources and demographics.

Answer: B

Explanation:

“A potential source of bias in training data for AI models is that the data is skewed toward a particular demographic or source. Skewed data means that the data is not balanced or representative of the target population or domain. Skewed data can introduce or exacerbate bias in AI models, as they may overfit or underfit the model to a specific subset of data. For example, skewed data can lead to bias if the data is collected from a limited or biased demographic or source, such as a certain age group, gender, race, location, or platform.”

NEW QUESTION 62

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