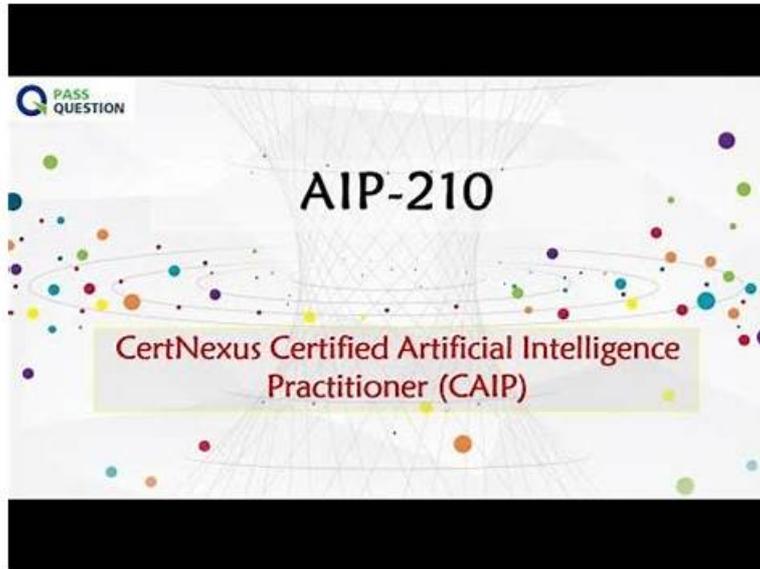


AIP-210시험합격최신덤프로시험패스도전!



2026 Pass4Test 최신 AIP-210 PDF 버전 시험 문제집과 AIP-210 시험 문제 및 답변 무료 공유:
<https://drive.google.com/open?id=1it7eoPpyjc-vZKBezLIptoAskTvPsPI>

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CertNexus AIP-210 시험요강:

주제	소개
주제 1	<ul style="list-style-type: none">Identify potential ethical concernsAnalyze machine learning system use cases
주제 2	<ul style="list-style-type: none">Understanding the Artificial Intelligence ProblemAnalyze the use cases of ML algorithms to rank them by their success probability
주제 3	<ul style="list-style-type: none">Recognize relative impact of data quality and size to algorithmsEngineering Features for Machine Learning

>> AIP-210시험합격 <<

AIP-210시험합격 완벽한 시험덤프 샘플문제 다운로드

여러분이 어떤 업계에서 어떤 일을 하든지 모두 항상 업그레이되는 자신을 원할 것입니다. 이 업계에서도 마찬가지입니다. 모두 자기 자신의 업그레이드는 물론 자기만의 공간이 있기를 바랍니다. 전문적인 IT인사들은 모두 아시다시피 CertNexus AIP-210 인증 시험이 여러분의 이러한 요구를 만족시켜드립니다. 그리고 우리 Pass4Test는 이러한 꿈을 이루어드립니다.

최신 Certified AI Practitioner AIP-210 무료 샘플문제 (Q41-Q46):

질문 # 41

Which of the following are true about the transform-design pattern for a machine learning pipeline? (Select three.) It aims to separate inputs from features.

- A. It represents steps in the pipeline with a directed acyclic graph (DAG).
- **B. It encapsulates the processing steps of ML pipelines.**
- C. It transforms the output data after production.
- **D. It seeks to isolate individual steps of ML pipelines.**
- **E. It ensures reproducibility.**

정답: B,D,E

설명:

Explanation

The transform-design pattern for ML pipelines aims to separate inputs from features, encapsulate the processing steps of ML pipelines, and represent steps in the pipeline with a DAG. These goals help to make the pipeline modular, reusable, and easy to understand. The transform-design pattern does not seek to isolate individual steps of ML pipelines, as this would create entanglement and dependency issues. It also does not transform the output data after production, as this would violate the principle of separation of concerns.

질문 # 42

An organization sells house security cameras and has asked their data scientists to implement a model to detect human faces, as distinguished from animals, so they can alert th customers only when a human gets close to their house.

Which of the following algorithms is an appropriate option with a correct reason?

- A. k-means, because this is a clustering problem with a small number of features.
- B. Logistic regression, because this is a classification problem and our data is linearly separable.
- C. A decision tree algorithm, because the problem is a classification problem with a small number of features.
- **D. Neural network model, because this is a classification problem with a large number of features.**

정답: D

설명:

Explanation

Neural network models are suitable for classification problems with a large number of features, because they can learn complex and non-linear patterns from high-dimensional data. They can also handle image data, which is likely to be the input for the human face detection problem. Neural networks can also be trained using transfer learning, which can leverage pre-trained models on similar tasks and improve the accuracy and efficiency of the model. References: [Neural network - Wikipedia], [Transfer Learning - Machine Learning's Next Frontier]

질문 # 43

Given a feature set with rows that contain missing continuous values, and assuming the data is normally distributed, what is the best way to fill in these missing features?

- A. Delete entire columns that contain any missing features.
- **B. Fill in missing features with the average of observed values for that feature in the entire dataset.**
- C. Fill in missing features with random values for that feature in the training set.
- D. Delete entire rows that contain any missing features.

정답: B

설명:

Missing values are a common problem in data analysis and machine learning, as they can affect the quality and reliability of the data and the model. There are various methods to deal with missing values, such as deleting, imputing, or ignoring them. One of the most common methods is imputing, which means replacing the missing values with some estimated values based on some criteria. For continuous variables, one of the simplest and most widely used imputation methods is to fill in the missing values with the mean (average) of the observed values for that variable in the entire dataset. This method can preserve the overall distribution and variance of the data, as well as avoid introducing bias or noise.

질문 # 44

You create a prediction model with 96% accuracy. While the model's true positive rate (TPR) is performing well at 99%, the true negative rate (TNR) is only 50%. Your supervisor tells you that the TNR needs to be higher, even if it decreases the TPR. Upon

further inspection, you notice that the vast majority of your data is truly positive.
What method could help address your issue?

- A. Normalization
- B. Quality filtering
- C. Principal components analysis
- **D. Oversampling**

정답: D

설명:

Explanation

Oversampling is a method that can help address the issue of imbalanced data, which is when one class is much more frequent than the other in the dataset. This can cause the model to be biased towards the majority class and have a low true negative rate. Oversampling involves creating synthetic samples of the minority class or replicating existing samples to balance the class distribution. This can help the model learn more from the minority class and improve the true negative rate. References: [Handling imbalanced datasets in machine learning], [Oversampling and undersampling in data analysis - Wikipedia]

질문 # 45

In which of the following scenarios is lasso regression preferable over ridge regression?

- A. There is high collinearity among some of the features associated with the dependent variable.
- B. The number of features is much larger than the sample size.
- C. The sample size is much larger than the number of features.
- **D. There are many features with no association with the dependent variable.**

정답: D

설명:

Lasso regression is a type of linear regression that adds a regularization term to the loss function to reduce overfitting and improve generalization. Lasso regression uses an L1 norm as the regularization term, which is the sum of the absolute values of the coefficients. Lasso regression can shrink some of the coefficients to zero, which effectively eliminates some of the features from the model. Lasso regression is preferable over ridge regression when there are many features with no association with the dependent variable, as it can perform feature selection and reduce the complexity and noise of the model.

질문 # 46

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