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Oracle Machine Learning using Autonomous Database 2022 Specialist

Oracle 1z0-1096-22

Version Demo

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QUESTION NO: 1

Which two Oracle Cloud services are Integrated with Oracle Machine Learning?

- A. Oracle Stream Analytics
- B. Oracle Analytics Cloud
- C. Oracle Autonomous Database
- D. Oracle GoldenGate

ANSWER: B C

QUESTION NO: 2

Which three actions can be performed by an Administrator in Oracle Machine Learning (OML) Notebooks?

- A. Reassign workspaces to users.
- B. Create, edit and delete OML users.
- C. View notebooks.
- D. Create, run and delete notebooks.
- E. Create and run jobs.

ANSWER: B C E

QUESTION NO: 3

Which three types of forms are available in Oracle Machine Learning Notebooks?

- A. Text Input form
- B. Select form
- C. List form
- D. Check Box form
- E. Radio form

ANSWER: A B D

QUESTION NO: 4

Which step in the AutoML pipeline involves reducing the size of the large data set into a small-er data set that adequately represents the original?

- A. Hyperparameter Tuning
- B. Model Selection
- C. Algorithm Selection
- D. Feature Selection
- E. Adaptive Sampling

ANSWER: E

Explanation:

<https://oralytics.com/2021/03/15/oml4py-automl-an-example/>

QUESTION NO: 5

Which three are unsupervised machine learning algorithms?

- A. K-means clustering
- B. Principal Component Analysis
- C. Association rule
- D. Naive Bayes
- E. Logistical Regression
- F. Random Forest

ANSWER: A B C

Explanation:

Unsupervised machine learning uses a more independent approach, in which a computer learns to identify complex processes and patterns without a human providing close, constant guidance. Unsupervised machine learning involves training based on data that does not have labels or a specific, defined output. To continue the childhood teaching analogy, unsupervised machine learning is akin to a child learning to identify fruit by observing colors and patterns, rather than memorizing the names with a teacher's help. The child would look for similarities between images and separate them into groups, assigning each group its own new label. Examples of unsupervised machine learning algorithms include k-means clustering, principal and independent component analysis, and association rules.

QUESTION NO: 6

Examine the output:

```
7369|"SMITH"|"CLERK"|7902|"1980-12-17 00:00:00"|800||20|
7566|"JONES"|"MANAGER"|7839|"1981-04-02 00:00:00"|2975||20|
7788|"SCOTT"|"ANALYST"|7566|"1987-04-19 00:00:00"|3000||20|
7876|"ADAMS"|"CLERK"|7788|"1987-05-23 00:00:00"|1100||20|
7902|"FORD"|"ANALYST"|7566|"1981-12-03 00:00:00"|3000||20|
```

- A. SET SQLFORMAT FIXED
- B. SET SQLFORMAT ANSICONSOLE
- C. SET SQLFORMAT LOADER
- D. SET SQLFORMAT DELIMITED

ANSWER: C

QUESTION NO: 7

Which four actions would typically be performed during the data preparation step for analyzing data with Oracle Machine Learning?

- A. performing feature engineering, such as creating derived variables
- B. numeric data normalization
- C. data collection from various sources
- D. missing value replacement
- E. building a machine learning model
- F. binning of numeric data

ANSWER: A B C D

QUESTION NO: 8

Which type of machine learning algorithm is used to deal with noise in incoming data?

- A. Classification
- B. Regression
- C. Dimensionality Reduction
- D. Clustering

ANSWER: C

Explanation:

<https://blogs.oracle.com/machinelearning/post/using-svd-for-dimensionality-reduction>

QUESTION NO: 9

You have created a workspace in Oracle Machine Learning Notebooks and want to share it with collaborators by granting permissions to access your workspace. You want to enable other users to run and modify your notebooks but do not want to provide the ability to schedule jobs that run your notebooks.

Which permission type should be granted to this user?

- A. Viewer
- B. Developer
- C. Editor
- D. Manager

ANSWER: B

QUESTION NO: 10

To navigate to a specific notebook provided by another user, which is the correct workflow?

- A. Change user > Open notebook > Create project
- B. Change project > Change workspace > Open notebook
- C. Create user > Change workspace > Open notebook
- D. Select workspace > Select project > List notebooks > Open notebook

ANSWER: D

Explanation:

<https://apexapps.oracle.com/pls/apex/dbpm/r/livelabs/view-workshop?wid=891&clear=180&session=109742845155042>