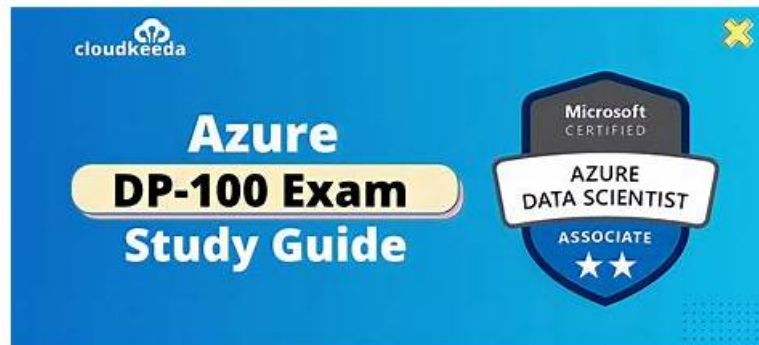


準備充分的DP-100認證指南和認證考試的領導者材料和認證的DP-100題庫更新資訊



此外，這些Fast2test DP-100考試題庫的部分內容現在是免費的：<https://drive.google.com/open?id=110L64W1adHm7EkQJgllrd4OpRUGXuJha>

你的夢想是什麼？難道你不想在你的職業生涯中做出一番閃耀的成就嗎？肯定是的吧。那麼，你就需要不斷提升自己，鍛煉自己。在IT行業中工作的你，通過什麼方法來實現自己的夢想呢？其中，參加IT認定考試並獲得認證資格，就是你提升自己水準的一種方式。現在，Microsoft的DP-100考試就是一個非常受歡迎的考試。那麼，你也想拿到這個考試的認證資格嗎？那麼趕緊報名參加吧，Fast2test可以幫助你，所以不用擔心。

Microsoft DP-100 考試是一個認證考試，專注於在 Azure 上設計和實現數據科學解決方案。該考試專為希望展示在實現機器學習模型、處理和轉換數據以及設計和實現數據科學工作流程方面的技能的數據專業人士設計。該考試是 Microsoft 認證的 Azure 數據科學家聯合認證的一部分，驗證了設計和實施利用 Microsoft Azure 服務的 AI 解決方案所需的技能。

DP-100考試對於尋求在數據科學領域發展職業的數據科學家和工程師是有益的。該認證為候選人提供了競爭優勢，並開啟了新的工作機會。此外，DP-100認證有助於組織識別熟練的數據科學家和工程師，他們可以在Azure上設計和實施數據科學解決方案。

>> DP-100認證指南 <<

DP-100題庫更新資訊，DP-100熱門考古題

你可以現在就獲得Microsoft的DP-100考試認證，我們Fast2test有關於Microsoft的DP-100考試的完整版本，你不需要到處尋找最新的Microsoft的DP-100培訓材料，因為你已經找到了最好的Microsoft的DP-100培訓材料，放心使用我們的試題及答案，你會完全準備通過Microsoft的DP-100考試認證。

最新的 Microsoft Azure DP-100 免費考試真題 (Q452-Q457):

問題 #452

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are using Azure Machine Learning to run an experiment that trains a classification model.

You want to use Hyperdrive to find parameters that optimize the AUC metric for the model. You configure a HyperDriveConfig for the experiment by running the following code:

```
hyperdrive = HyperDriveConfig(estimator=your_estimator,  
    hyperparameter_sampling=your_params,  
    policy=policy,  
    primary_metric_name='AUC',  
    primary_metric_goal=PrimaryMetricGoal.MAXIMIZE,  
    max_total_runs=6,  
    max_concurrent_runs=4)
```

You plan to use this configuration to run a script that trains a random forest model and then tests it with validation data. The label values for the validation data are stored in a variable named `y_test` variable, and the predicted probabilities from the model are stored in a variable named `y_predicted`.

Solution: Run the following code:

```
import numpy as np
from sklearn.metrics import roc_auc_score
from azureml.core.run import Run
run = Run.get_context()
# code to train model omitted
auc = roc_auc_score(y_test, y_predicted)
run.log("AUC", np.float(auc))
```

Does the solution meet the goal?

- A. Yes
- B. No

答案: A

問題 #453

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a model to forecast weather conditions based on historical data.

You need to create a pipeline that runs a processing script to load data from a datastore and pass the processed data to a machine learning model training script.

Solution: Run the following code:

```
datastore = ws.get_default_datastore()
data_input = PipelineData("raw_data", datastore=rawdatastore)
data_output = PipelineData("processed_data", datastore=datastore)
process_step = PythonScriptStep(script_name="process.py",
    arguments=["--data_for_train", data_input],
    outputs=[data_output], compute_target=aml_compute,
    source_directory=process_directory)
train_step = PythonScriptStep(script_name="train.py",
    arguments=["--data_for_train", data_input], inputs=[data_output],
    compute_target=aml_compute, source_directory=train_directory)
pipeline = Pipeline(workspace=ws, steps=[process_step, train_step])
```

Does the solution meet the goal?

- A. Yes
- B. No

答案: B

解題說明:

Explanation

Note: Data used in pipeline can be produced by one step and consumed in another step by providing a `PipelineData` object as an output of one step and an input of one or more subsequent steps.

Compare with this example, the pipeline train step depends on the `process_step_output` output of the pipeline process step:

```
from azureml.pipeline.core import Pipeline, PipelineData
```

```
from azureml.pipeline.steps import PythonScriptStep
```

```
datastore = ws.get_default_datastore()
```

```
process_step_output = PipelineData("processed_data", datastore=datastore) process_step =
```

```
PythonScriptStep(script_name="process.py", arguments=["--data_for_train", process_step_output], outputs=
```

```
[process_step_output], compute_target=aml_compute, source_directory=process_directory) train_step =
```

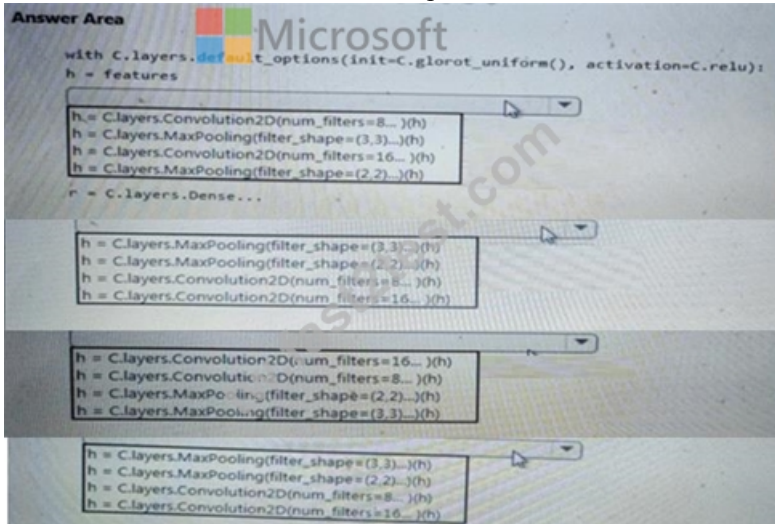
PythonScriptStep(script_name="train.py", arguments=["--data_for_train", process_step_output], inputs=[process_step_output], compute_target=aml_compute, source_directory=train_directory) pipeline = Pipeline(workspace=ws, steps=[process_step, train_step]) Reference:
<https://docs.microsoft.com/en-us/python/api/azureml-pipeline-core/azureml.pipeline.core.pipelinedata?view=azu>

問題 #454

You need to build a feature extraction strategy for the local models.

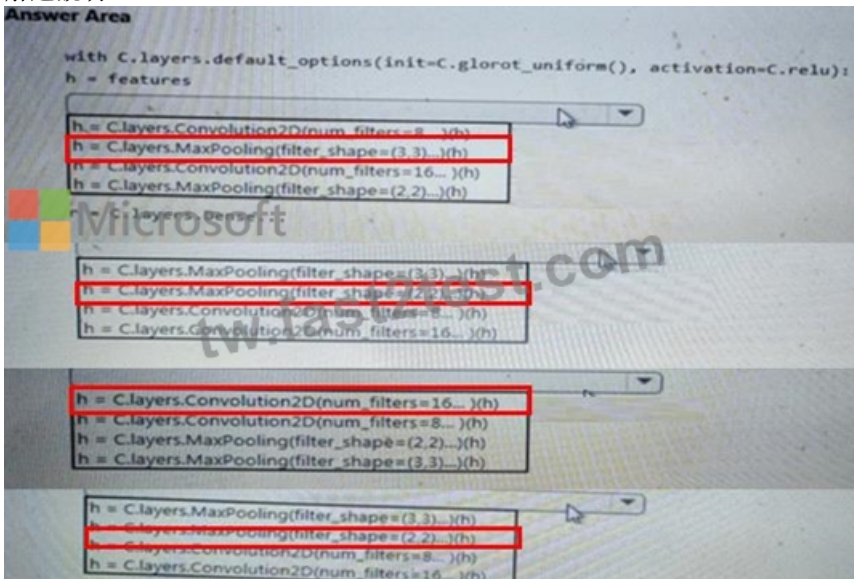
How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



答案:

解題說明:



問題 #455

You have an Azure Machine Learning workspace. You plan to tune model hyperparameters by using a sweep job.

You need to find a sampling method that supports early termination of low-performance jobs and continuous hyperparameters.

Solution: Use the Sobol sampling method over the hyperparameter space.

Does the solution meet the goal?

- A. Yes
- B. No

答案: B

問題 #456

You have an existing GitHub repository containing Azure Machine Learning project files.

You need to clone the repository to your Azure Machine Learning shared workspace file system.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Add a private key to the GitHub account.

From the terminal window in the Azure Machine Learning interface, run the `git clone` command.

From the terminal window in the Azure Machine Learning interface, run the `cat ~/.ssh/id_rsa.pub` command.

From the terminal window in the Azure Machine Learning interface, run the `ssh-keygen` command.

Add a public key to the GitHub account.

Answer area

>

<

答案:

解題說明:

Actions

Add a private key to the GitHub account.

From the terminal window in the Azure Machine Learning interface, run the `git clone` command.

From the terminal window in the Azure Machine Learning interface, run the `cat ~/.ssh/id_rsa.pub` command.

From the terminal window in the Azure Machine Learning interface, run the `ssh-keygen` command.

Add a public key to the GitHub account.

Answer area

From the terminal window in the Azure Machine Learning interface, run the `git clone` command.

From the terminal window in the Azure Machine Learning interface, run the `cat ~/.ssh/id_rsa.pub` command.

From the terminal window in the Azure Machine Learning interface, run the `ssh-keygen` command.

Add a public key to the GitHub account.

Explanation

Actions

Add a private key to the GitHub account.

Answer area

1 From the terminal window in the Azure Machine Learning interface, run the `git clone` command.

2 From the terminal window in the Azure Machine Learning interface, run the `cat ~/.ssh/id_rsa.pub` command.

3 From the terminal window in the Azure Machine Learning interface, run the `ssh-keygen` command.

4 Add a public key to the GitHub account.

Topic 2, Case Study 1

Overview

You are a data scientist in a company that provides data science for professional sporting events. Models will be global and local market data to meet the following business goals:

- *Understand sentiment of mobile device users at sporting events based on audio from crowd reactions.
- *Access a user's tendency to respond to an advertisement.
- *Customize styles of ads served on mobile devices.
- *Use video to detect penalty events.

Current environment

Requirements

- * Media used for penalty event detection will be provided by consumer devices. Media may include images and videos captured during the sporting event and snared using social media. The images and videos will have varying sizes and formats.
- * The data available for model building comprises of seven years of sporting event media. The sporting event media includes: recorded videos, transcripts of radio commentary, and logs from related social media feeds captured during the sporting events.
- *Crowd sentiment will include audio recordings submitted by event attendees in both mono and stereo Formats.

Advertisements

- * Ad response models must be trained at the beginning of each event and applied during the sporting event.
- * Market segmentation models must optimize for similar ad response history.
- * Sampling must guarantee mutual and collective exclusivity local and global segmentation models that share the same features.
- * Local market segmentation models will be applied before determining a user's propensity to respond to an advertisement.
- * Data scientists must be able to detect model degradation and decay.

* The ad propensity model uses a cut threshold is 0.45 and retrains occur if weighted Kappa deviates from 0.1 +/- 5%.

* The ad propensity model uses cost factors shown in the following diagram:

		Actual	
		1	0
Predicted	0	1	2
	1	2	1

問題 #457

• • • • •

一生輾轉千萬裏，莫問成敗重幾許，得之坦然，失之淡然，與其在別人的輝煌裏仰望，不如親手點亮自己的心燈，揚帆遠航。Fast2test Microsoft的DP-100考試培訓資料將是你成就輝煌的第一步，有了它，你一定會通過眾多人都覺得艱難無比的Microsoft的DP-100考試認證，獲得了這個認證，你就可以在你人生中點亮你的心燈，開始你新的旅程，展翅翱翔，成就輝煌人生。

DP-100題庫更新資訊: <https://tw.fast2test.com/DP-100-premium-file.html>

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www.stes.tyc.edu.tw, Disposable vapes

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