




crimson_map_l8vm7j14    Completed

Overview Data guardrails Models Outputs + logs Child jobs

Properties

Status

 Completed

Created on

May 29, 2023 3:39 PM

Start time

May 29, 2023 3:39 PM

Duration

47m 18.94s

Compute duration

47m 18.94s

Compute target

dmsci01

Name

AutoML_0026c00c-0699-447d-bbf8-8afffd3987f9

Script name

--

Created by

Inputs

Input name: training_data

Dataset: [bike_no:1](#)

Outputs

Output name: best_model

Model: azureml_AutoML_0026c00c-0699-447d-bbf8-8afffd3987f9_53_output_mlflow_log_model_828422100:1

Output name: full_training_dataset

Dataset: [3fc2977-90b9-4fd1-868c-48f4c0e1b17d](#)

Best model summary

Algorithm name


[VotingEnsemble](#)

Ensemble details

[View ensemble details](#)







Normalized root mean squared error

0.00000 [View all other metrics](#)

 Automated ML job
"crimson_map_l8vm7j14" in
experiment "automl-bikeshare"
Completed
[Job details](#)


busy_pen_g491t8tf    Completed

Overview Model Explanations (preview) **Metrics** Data transformation (preview) Test results (preview) Outputs + logs Images Child jobs Code Monitoring

 Refresh  Cancel  Create custom chart  View as...  Current view: Local  Edit view

Select metrics

Select to view as visualization or table of the data

 Search

☐ Select all

☒ Metrics (15)

☐ explained_variance

☒ forecast_table

☒ mean_absolute_error

☒ mean_absolute_percentage_e

☐ median_absolute_error

☐ normalized_mean_absolute_e

☐ normalized_median_absolute

mean_absolute_error

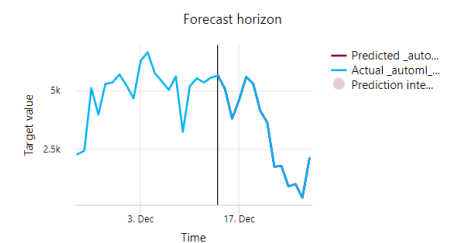
5.8303e-4

mean_absolute_perce...

2.5704e-5

forecast_table

Selected cross validation: 1



Deploy a model



Enable authentication

☐

This model supports [no-code deployment](#). You may **optionally** override the default environment and driver file.

Use custom deployment assets

☐ Use custom deployment assets

Advanced

Enable Application Insights diagnostics and data collection ⓘ

☐ Enable Application Insights diagnostics and data collection

Enable SSL ⓘ

☐ Enable SSL

CPU reserve capacity ⓘ


Memory reserve capacity ⓘ


Deploy


Cancel


Notifications ✕

To disable in-app notifications, go to [Settings](#)

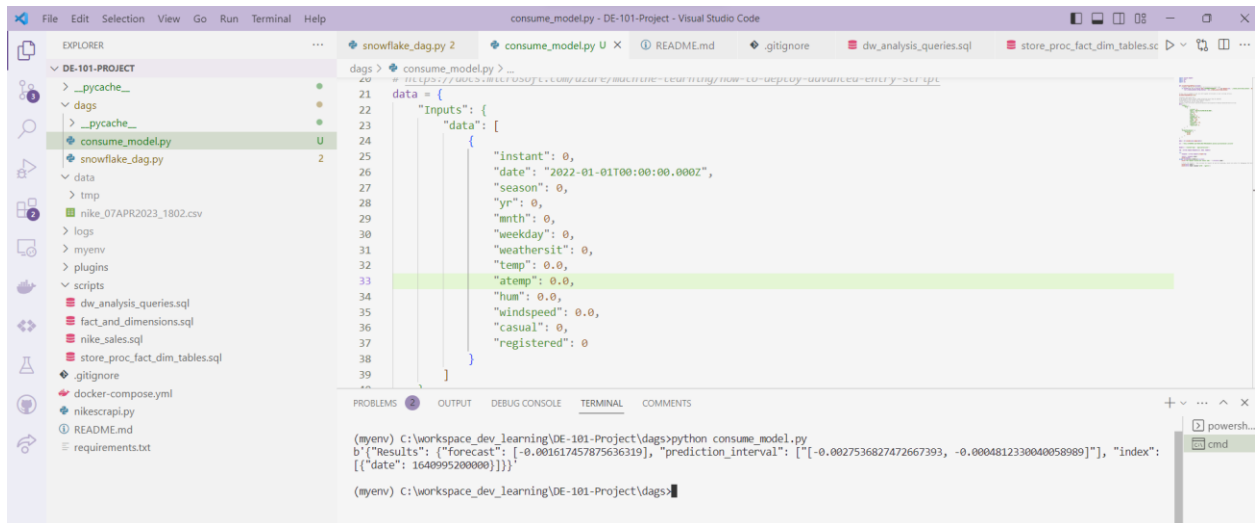
 Dismiss all

 **Endpoint "wsmodel1" deployment in progress** ✕
[Deploy details](#)
May 29, 2023 4:49 PM

 **Automated ML job "crimson_map_l8vm7j14" in experiment "automl-bikeshare" Completed** ✕
[Job details](#)
May 29, 2023 4:27 PM

 **Compute "dmsci01" provisioning succeeded** ✕
[Compute details](#)
May 29, 2023 3:35 PM

Consume Webservice deployed



The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORER:** Displays the project structure for 'DE-101-PROJECT'. The file 'consume_model.py' is selected and highlighted in green.
- EDITOR:** Shows the code for 'consume_model.py'. The file contains a JSON object with an 'Inputs' section. The line defining the 'data' array is highlighted in green.
- TERMINAL:** Shows the command prompt output for running the script. The output indicates a successful execution with a forecast and prediction interval.

```
data = {
  "Inputs": {
    "data": [
      {
        "instant": 0,
        "date": "2022-01-01T00:00:00.000Z",
        "season": 0,
        "yr": 0,
        "mnth": 0,
        "weekday": 0,
        "weathersit": 0,
        "temp": 0.0,
        "atemp": 0.0,
        "hum": 0.0,
        "windspeed": 0.0,
        "casual": 0,
        "registered": 0
      }
    ]
  }
}
```

```
(myenv) C:\workspace_dev_learning\DE-101-Project\dags>python consume_model.py
b'{"Results": {"forecast": [-0.00161745787563619], "prediction_interval": "[[-0.0027536827472667393, -0.0004812330040058989]]", "index": [{"date": 1640995200000}]}}'
```