2.

▾ Test suite for lgbm bike-demand predictor

Test suite for lgbm bike-demand predictor

The suite is composed of the following checks: Model Inference Time, Train Test Performance.
Each check may contain conditions (which will result in pass ✓ / fail ✖ / warning ! / error ?!) as well as other outputs such as plots or tables.
Suites, checks and conditions can all be modified. Read more about custom suites.

▾ Didn't Pass

Status	Check	Condition	More Info
✖	Train Test Performance	Train-Test scores relative degradation is less than 0.2	2 scores failed. Found max degradation of 47.8% for metric neg_mae

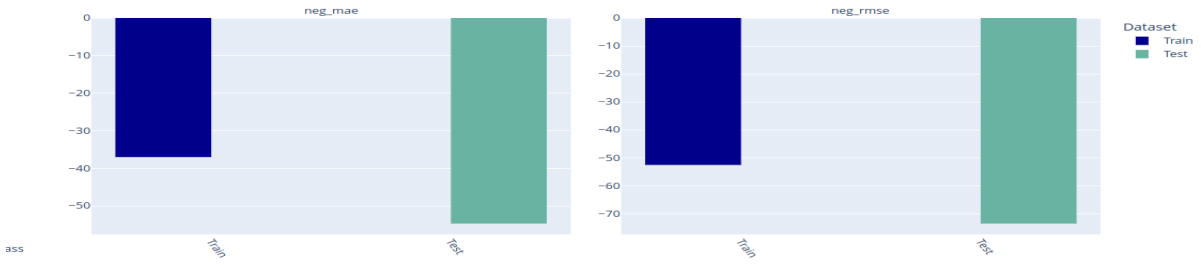
Train Test Performance

Summarize given model performance on the train and test datasets based on selected scorers. Read More...

Conditions Summary

Status	Condition	More Info
✖	Train-Test scores relative degradation is less than 0.2	2 scores failed. Found max degradation of 47.8% for metric neg_mae

Additional Outputs



ass

▾ Passed

Status	Check	Condition	More Info
✓	Model Inference Time - Train Dataset	Average model inference time for one sample is less than 0.1	Found average inference time (seconds): 5.61e-06
✓	Model Inference Time - Test Dataset	Average model inference time for one sample is less than 0.1	Found average inference time (seconds): 2.077e-05

Model Inference Time - Train Dataset

Measure model average inference time (in seconds) per sample. Read More...

Conditions Summary

Status	Condition	More Info
✓	Average model inference time for one sample is less than 0.1	Found average inference time (seconds): 5.61e-06

Additional Outputs

Average model inference time for one sample (in seconds): 5.61e-06

Note - data sampling: Data is sampled from the original dataset, running on 1000 samples out of 10718. Sample size can be controlled with the "n_samples" parameter.

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Model Inference Time - Test Dataset

Measure model average inference time (in seconds) per sample. Read More...

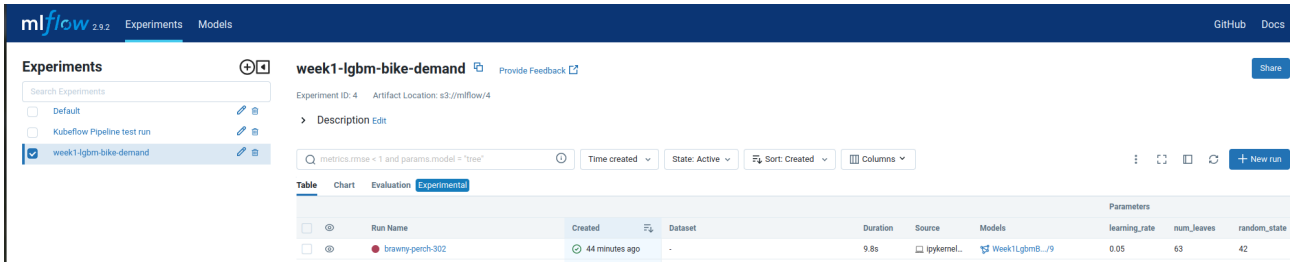
Conditions Summary

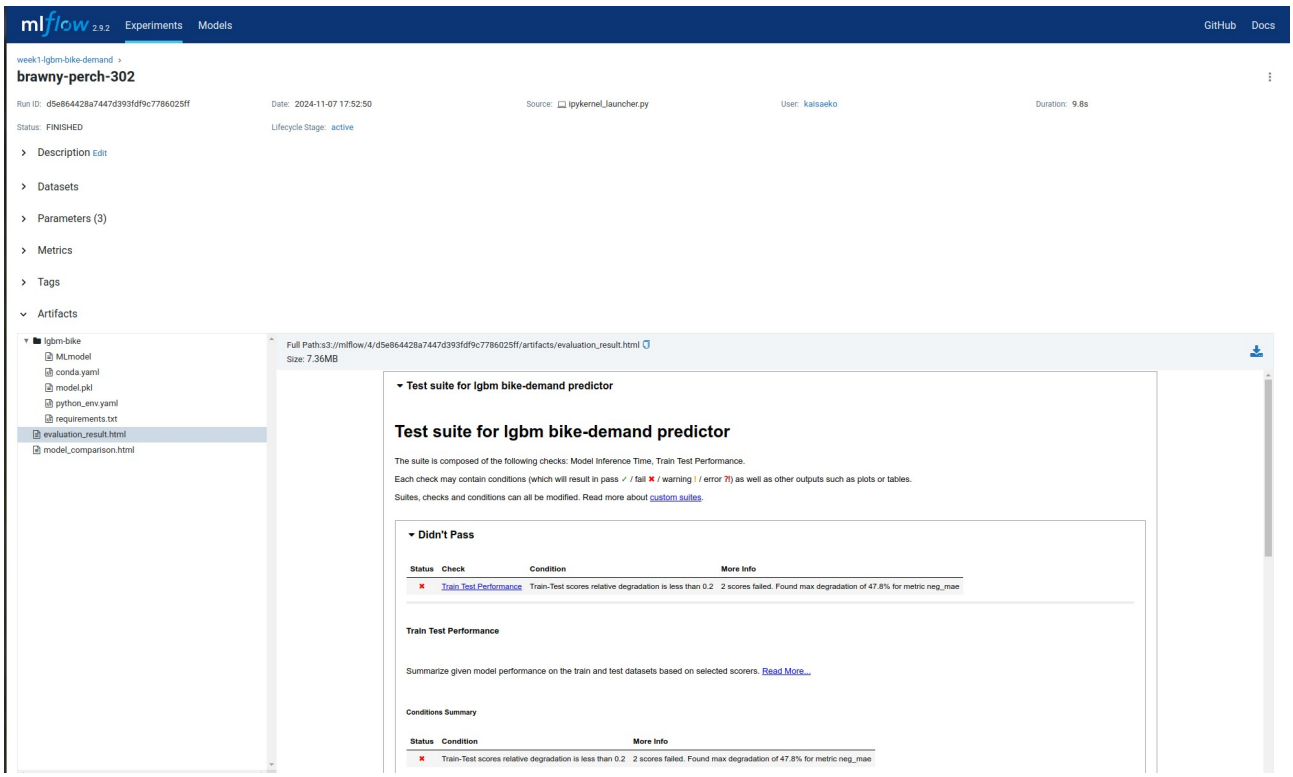
Status	Condition	More Info
✓	Average model inference time for one sample is less than 0.1	Found average inference time (seconds): 2.077e-05

Additional Outputs

Average model inference time for one sample (in seconds): 2.077e-05

3.


mlflow 2.9.2
Experiments
Models
GitHub
Docs
Experiments
Search Experiments
Default
Kubeflow Pipeline test run
week1-lgbm-bike-demand
week1-lgbm-bike-demand
Provide Feedback
Share
Experiment ID: 4
Artifact Location: s3://mlflow/4
Description Edit
metrics.rmse < 1 and params.model = "tree"
Time created
State: Active
Sort: Created
Columns
New run
Table
Chart
Evaluation
Experimental
Parameters
Run Name
Created
Dataset
Duration
Source
Models
learning_rate
num_leaves
random_state
brawny-perch-302
44 minutes ago
9.8s
ipykernel...
Week1LgbmB.../9
0.05
63
42


mlflow 2.9.2
Experiments
Models
GitHub
Docs
week1-lgbm-bike-demand
brawny-perch-302
Run ID: d5e864428a7447d393fdf9c7786025ff
Date: 2024-11-07 17:52:50
Source: ipykernel_launcher.py
User: kaisaeko
Duration: 9.8s
Status: FINISHED
Lifecycle Stage: active
Description Edit
Datasets
Parameters (3)
Metrics
Tags
Artifacts
lgbm-bike
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
evaluation_result.html
model_comparison.html
Full Path:s3://mlflow/4/d5e864428a7447d393fdf9c7786025ff/artifacts/evaluation_result.html
Size: 7.36MB
Test suite for lgbm bike-demand predictor
Test suite for lgbm bike-demand predictor
The suite is composed of the following checks: Model Inference Time, Train Test Performance.
Each check may contain conditions (which will result in pass ✓ / fail ✘ / warning ! / error ?!) as well as other outputs such as plots or tables.
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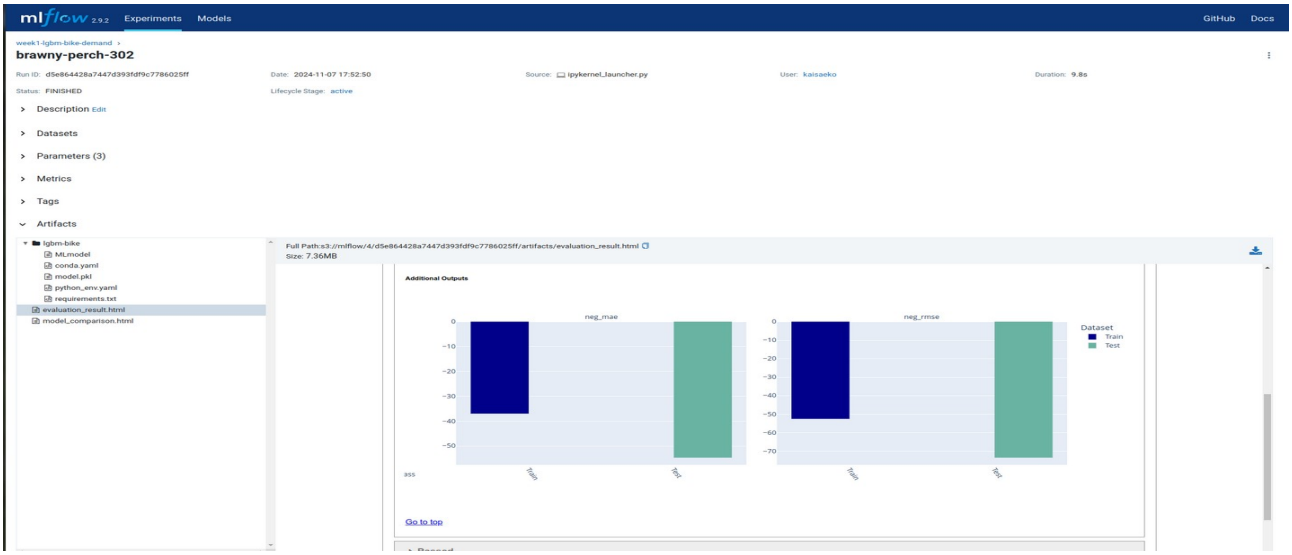
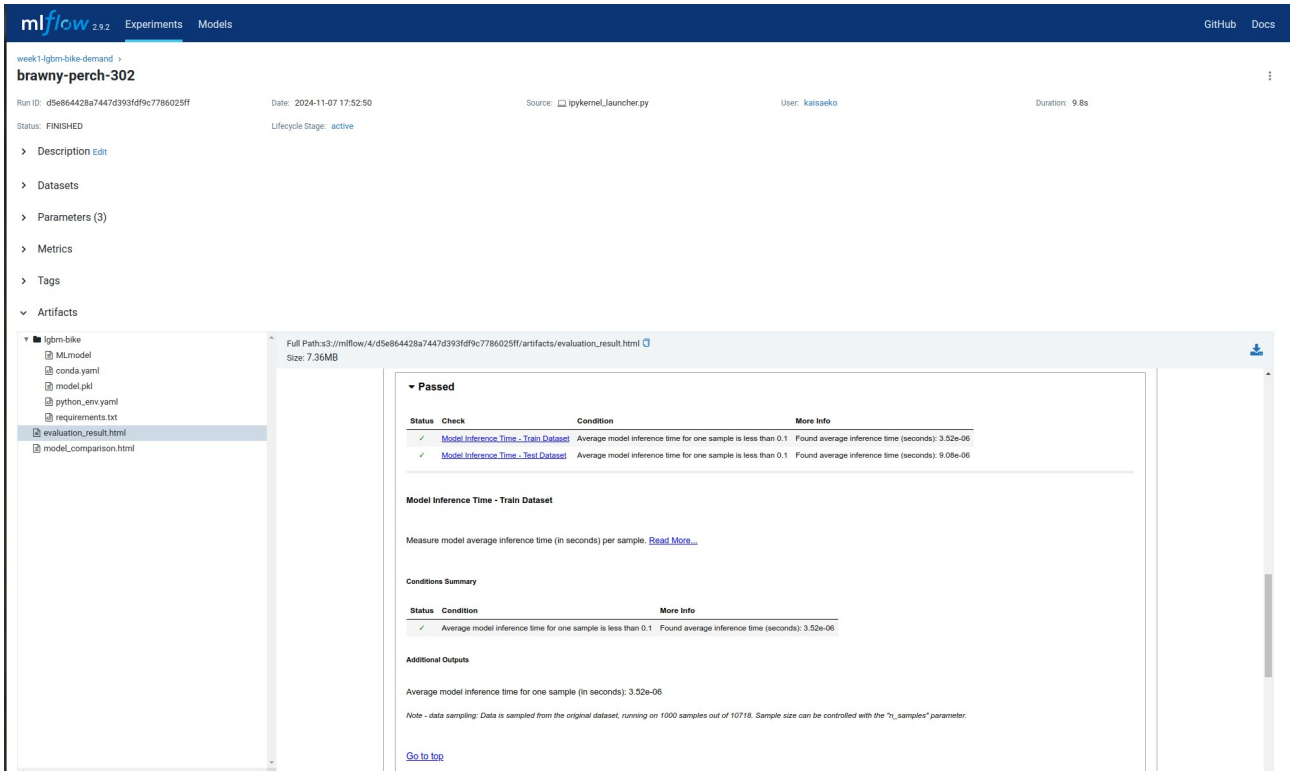
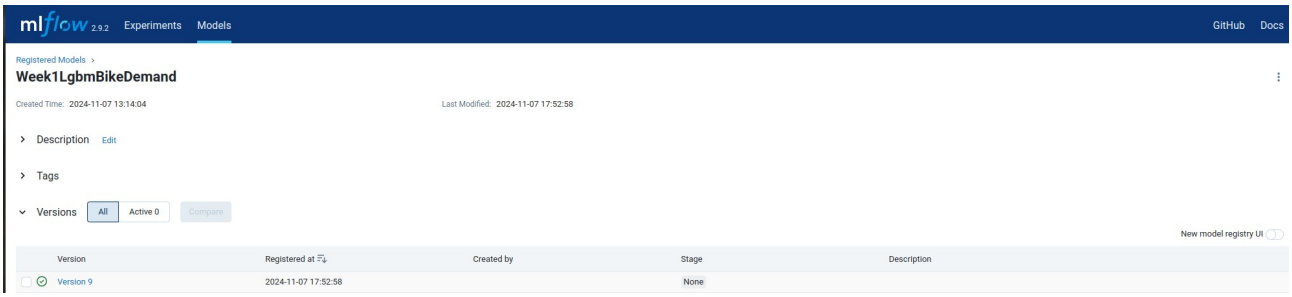
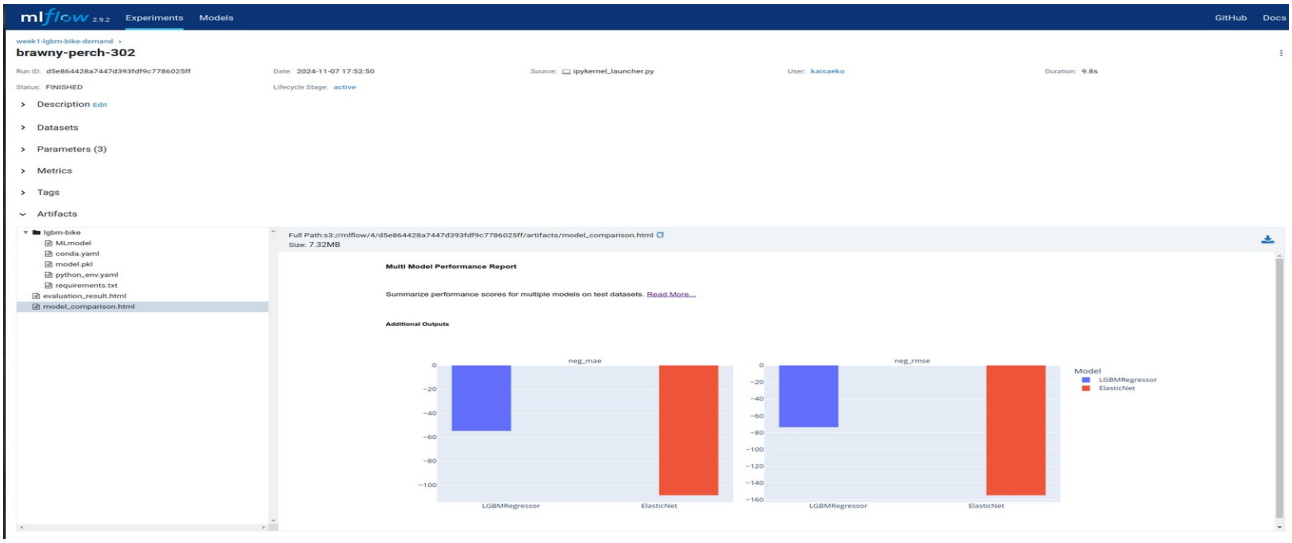
Didn't Pass
Status
Check
Condition
More Info
Train Test Performance
Train-Test scores relative degradation is less than 0.2
2 scores failed. Found max degradation of 47.8% for metric neg_mae
Train Test Performance
Summarize given model performance on the train and test datasets based on selected scorers. Read More...
Conditions Summary
Status
Condition
More Info
Train-Test scores relative degradation is less than 0.2
2 scores failed. Found max degradation of 47.8% for metric neg_mae


mlflow 2.9.2
Experiments
Models
GitHub
Docs
week1-lgbm-bike-demand
brawny-perch-302
Run ID: d5e864428a7447d393fdf9c7786025ff
Date: 2024-11-07 17:52:50
Source: ipykernel_launcher.py
User: kaisaeko
Duration: 9.8s
Status: FINISHED
Lifecycle Stage: active
Description Edit
Datasets
Parameters (3)
Metrics
Tags
Artifacts
lgbm-bike
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
evaluation_result.html
model_comparison.html
Full Path:s3://mlflow/4/d5e864428a7447d393fdf9c7786025ff/artifacts/evaluation_result.html
Size: 7.36MB
Additional Outputs
neg_mae
neg_rmse
Dataset
Train
Test
Go to top


mlflow 2.9.2
Experiments
Models
GitHub
Docs
week1-lgbm-bike-demand
brawny-perch-302
Run ID: d5e864428a7447d393fdf9c7786025ff
Date: 2024-11-07 17:52:50
Source: ipykernel_launcher.py
User: kaisaeko
Duration: 9.8s
Status: FINISHED
Lifecycle Stage: active
Description Edit
Datasets
Parameters (3)
Metrics
Tags
Artifacts
lgbm-bike
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
evaluation_result.html
model_comparison.html
Full Path:s3://mlflow/4/d5e864428a7447d393fdf9c7786025ff/artifacts/evaluation_result.html
Size: 7.36MB
Passed
Status
Check
Condition
More Info
Model Inference Time - Train Dataset
Average model inference time for one sample is less than 0.1
Found average inference time (seconds): 3.52e-06
Model Inference Time - Test Dataset
Average model inference time for one sample is less than 0.1
Found average inference time (seconds): 9.08e-06
Model Inference Time - Train Dataset
Measure model average inference time (in seconds) per sample. Read More...
Conditions Summary
Status
Condition
More Info
Average model inference time for one sample is less than 0.1
Found average inference time (seconds): 3.52e-06
Additional Outputs
Average model inference time for one sample (in seconds): 3.52e-06
Note - data sampling: Data is sampled from the original dataset, running on 1000 samples out of 10718. Sample size can be controlled with the "n_samples" parameter.
Go to top


mlflow 2.9.2
Experiments
Models
GitHub
Docs
Registered Models
Week1LgbmBikeDemand
Created Time: 2024-11-07 13:14:04
Last Modified: 2024-11-07 17:52:58
Description Edit
Tags
Versions
All
Active 0
Compare
New model registry UI
Version
Registered at
Created by
Stage
Description
Version 9
2024-11-07 17:52:58
None

4.


mlflow 2.9.2
Experiments
Models
GitHub
Docs
week1-lgbm-bike-demand
brawny-perch-302
Run ID: d5e864428a7447d393fdf9c7786025ff
Date: 2024-11-07 17:52:50
Source: ipykernel_launcher.py
User: kaisaeko
Duration: 9.8s
Status: FINISHED
Lifecycle Stage: active
Description Edit
Datasets
Parameters (3)
Metrics
Tags
Artifacts
lgbm-bike
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
evaluation_result.html
model_comparison.html
Full Path:s3://mlflow/4/d5e864428a7447d393fdf9c7786025ff/artifacts/model_comparison.html
Size: 7.32MB
Multi Model Performance Report
Summarize performance scores for multiple models on test datasets. Read More...
Additional Outputs
neg_mae
neg_rmse
Model
LGBMRegressor
ElasticNet