Experiments > /Users/zl3373@columbia.edu/experimentsHW4 >

Linear Regression Model for F1 💬 Send feedback

Overview   Model metrics   System metrics   Traces   Evaluation results ⓘ   Artifacts

Description ✏️

No description

Details

Created at	Apr 23, 2025, 08:16 PM
Created by	zl3373@columbia.edu
Experiment ID	1109865927177110 ⧉
Status	⊘ Finished
Run ID	dea7bc7575ae4c33a8b5f0e78d4d7ff5 ⧉
Duration	36.2s
Datasets used	—
Tags	**sparkData…** : path=s3://columbia-gr5069-main… ✏️
Source	⊟ HW4 Notebook
Logged models	🕸 spark
Registered models	—

Metrics (4)

🔍 Search metrics

Metric	Latest	Min	Max
mae	5.14968868…	5.14968868…	5.14968868…
mse	36.3336934…	36.3336934…	36.3336934…
r2	0.02800080…	0.02800080…	0.02800080…
rmse	6.02774364…	6.02774364…	6.02774364…

Parameters (4)

🔍 Search parameters

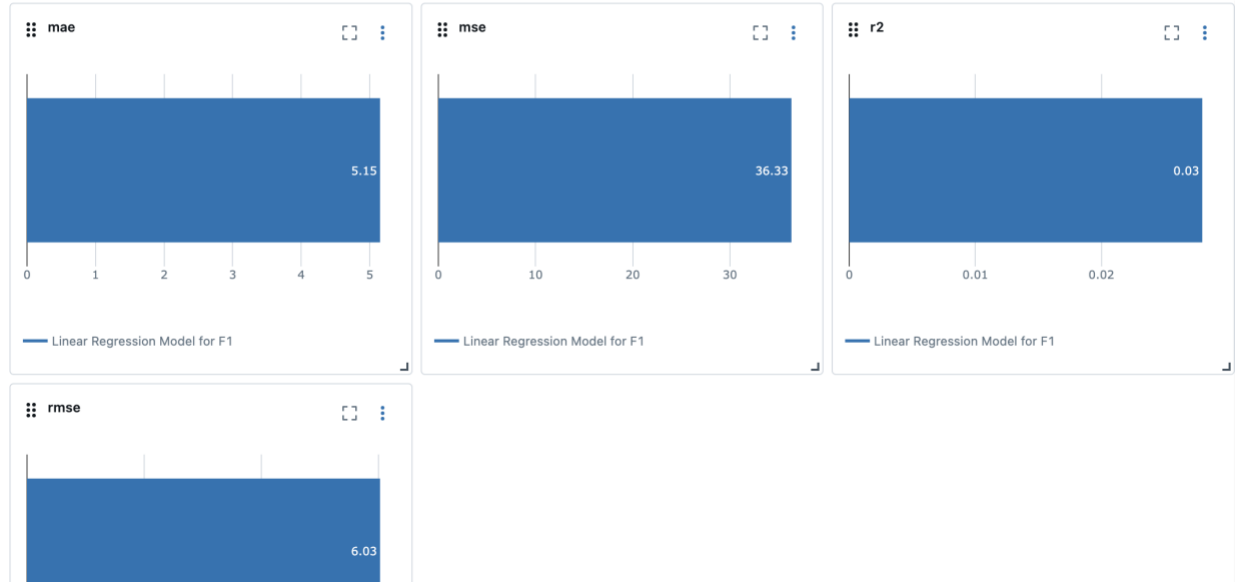| Parameter	Value
elasticNetParam	0.5
features	['laps']
model_type	LinearRegression
regParam	0.1

Linear Regression Model for F1 💬 Send feedback

⋮ Reproduce Run   Register model

Overview **Model metrics** System metrics Traces Evaluation results ⓘ Artifacts

🔍 Search metric charts   ✓ Auto-refresh ⚙

⸬ mae   ⟷ ⋮

5.15

0   1   2   3   4   5

— Linear Regression Model for F1

⸬ mse   ⟷ ⋮

36.33

0   10   20   30

— Linear Regression Model for F1

⸬ r2   ⟷ ⋮

0.03

0   0.01   0.02

— Linear Regression Model for F1

⸬ rmse   ⟷ ⋮

6.03

Linear Regression Model for F1 💬 Send feedback

⋮ Reproduce Run   Register model

Overview Model metrics System metrics Traces Evaluation results ⓘ **Artifacts**

▼ 📁 model
  ▼ 📁 sparkml
    ▼ 📁 metadata
        📄 _SUCCESS
        📄 _committed_285727217974079
        📄 _committed_vacuum331642105
        📄 _started_28572721797407900?
        📄 part-00000-tid-285727217974(
    ▼ 📁 stages
      ▶ 📁 0_LinearRegression_2100ae412
    📄 MLmodel
  📄 conda.yaml
  📄 python_env.yaml
  📄 requirements.txt

model/MLmodel 513B   ⤓

Path: dbfs:/databricks/mlflow-tracking/1109865927177110/dea7bc7575ae4c33a8b5f0e78d4d7ff5/artifacts/model/MLmodel 📋

```
artifact_path: model
databricks_runtime: 15.4.x-scala2.12
flavors:
  python_function:
    data: sparkml
    env:
      conda: conda.yaml
      virtualenv: python_env.yaml
    loader_module: mlflow.spark
    python_version: 3.11.11
  spark:
    code: null
    model_class: pyspark.ml.pipeline.PipelineModel
    model_data: sparkml
    pyspark_version: 3.5.0
mlflow_version: 2.11.4
model_uuid: a218349f357b460e85dd37fc78d9d4ed
run_id: dea7bc7575ae4c33a8b5f0e78d4d7ff5
utc_time_created: '2025-04-24 00:16:58.108292'
```

==Random Forest model==

Random Forest Model for F1 💬 Send feedback

Reproduce Run   Register model

Overview   Model metrics   System metrics   Traces   Evaluation results ⓘ   Artifacts

Description ✏️
No description

Details

Created at	Apr 23, 2025, 08:22 PM
Created by	zl3373@columbia.edu
Experiment ID	1109865927177110 📋
Status	✓ Finished
Run ID	be25de35ac2b47278b9db9477c081764 📋
Duration	42.6s
Datasets used	—
Tags	**sparkData...** : path=s3://columbia-gr5069-main... ✏️
Source	▥ HW4 Notebook
Logged models	⚙️ spark
Registered models	—

Metrics (4)

🔍 Search metrics

Metric	Latest	Min	Max
mae	4.50799778...	4.50799778...	4.50799778...
mse	29.2018837...	29.2018837...	29.2018837...
r2	0.218791018...	0.218791018...	0.218791018...
rmse	5.40387673...	5.40387673...	5.40387673...

Parameters (4)

🔍 Search parameters

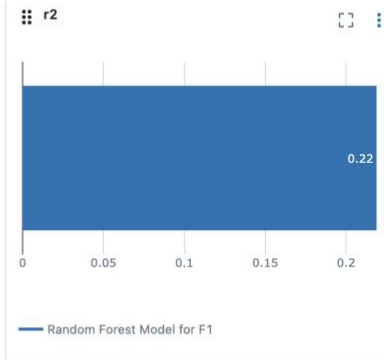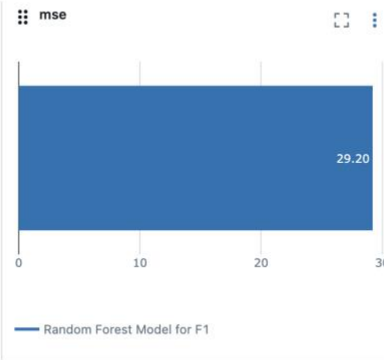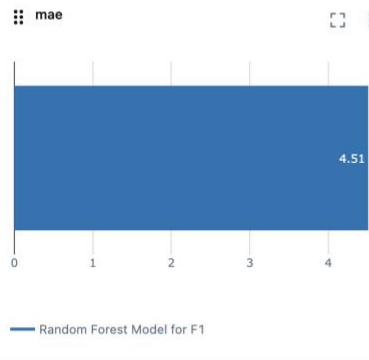| Parameter	Value
features	['laps']
maxDepth	5
model_type	RandomForestRegressor
numTrees	35

Random Forest Model for F1 💬 Send feedback

⋮ Reproduce Run Register mode

Overview | **Model metrics** | System metrics | Traces | Evaluation results ⓘ | Artifacts

🔍 Search metric charts   ✓ Auto-refresh

⠿ mae ⛶ ⋮

4.51

0   1   2   3   4

— Random Forest Model for F1

⠿ mse ⛶ ⋮

29.20

0   10   20   30

— Random Forest Model for F1

⠿ r2 ⛶ ⋮

0.22

0   0.05   0.1   0.15   0.2

— Random Forest Model for F1

⠿ rmse ⛶ ⋮

5.40

Random Forest Model for F1 💬 Send feedback

⋮ Reproduce Run Register model

Overview | Model metrics | System metrics | Traces | Evaluation results ⓘ | **Artifacts**

▼ 📁 model
  ▼ 📁 sparkml
    ▼ 📁 metadata
      📄 _SUCCESS
      📄 _committed_711746268783288
      📄 _committed_vacuum26294326
      📄 _started_71174626878328806
      📄 part-00000-tid-711746268783
    ▼ 📁 stages
      ▶ 📁 0_RandomForestRegressor_65
  📄 MLmodel
  📄 conda.yaml
  📄 python_env.yaml
  📄 requirements.txt

model/sparkml/stages

Path: dbfs:/databricks/mlflow-tracking/1109865927177110/be25de35ac2b47278b9db9477c081764/artifacts/model/sparkml/stages ⧉

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