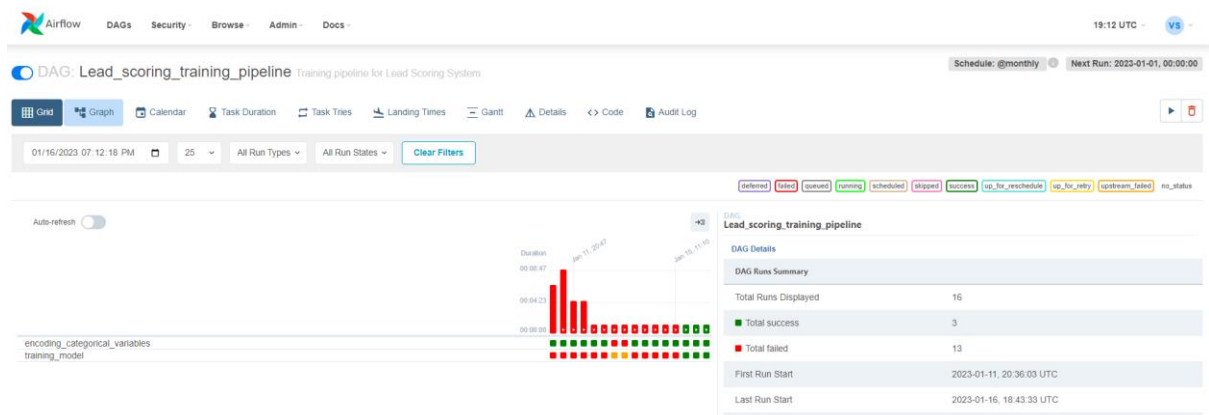
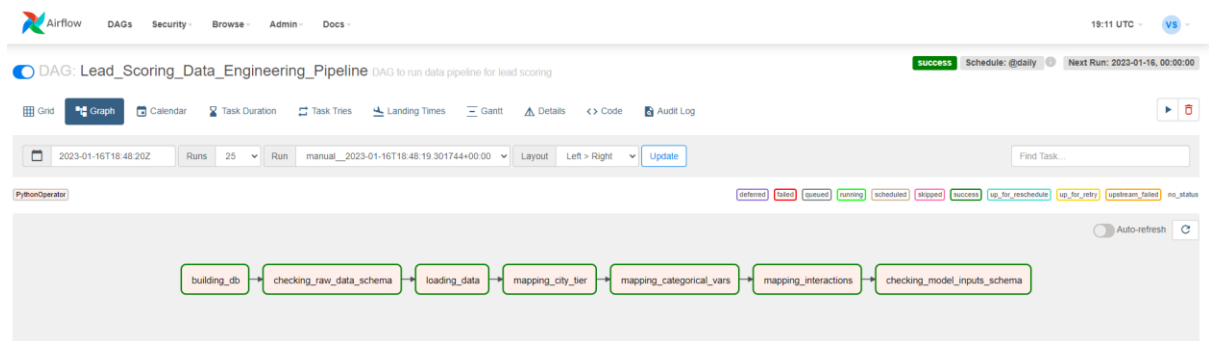
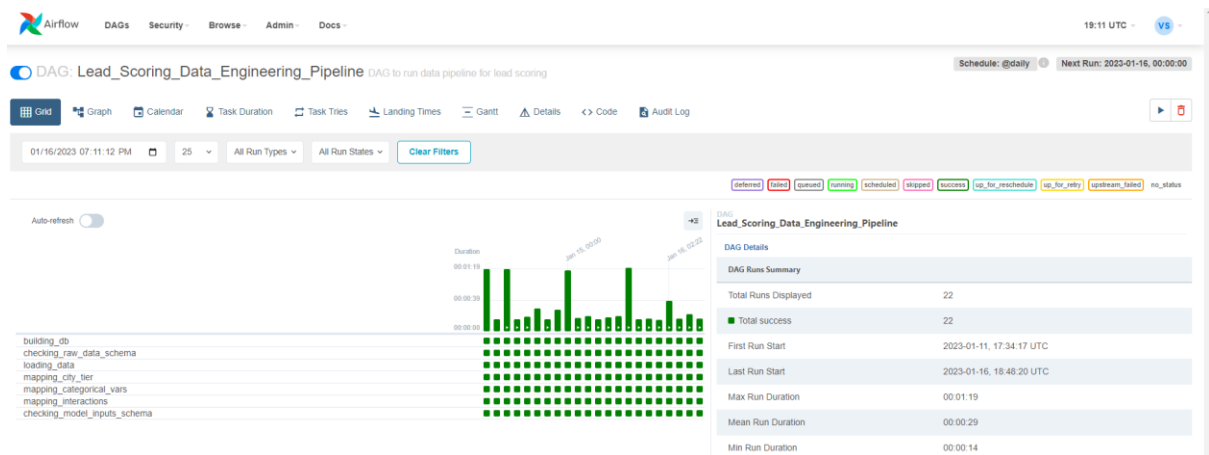


Do not use **SQLite** as metadata DB in production – it should only be used for dev/testing. We recommend using Postgres or MySQL. [Click here](#) for more information.

Do not use `SequentialExecutor` in production. [Click here](#) for more information.

DAGs

All 35	Active 3	Paused 32	Filter DAGs by tag	Search DAGs				
DAG	Owner	Runs	Schedule	Last Run	Next Run	Recent Tasks	Actions	Links
<div><div></div>Lead_Scoring_Data_Engineering_Pipeline</div>	airflow	<div><div></div><div></div><div></div><div></div></div>	daily	2023-01-16, 18:48:19	2023-01-16, 00:00:00	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	...
<div><div></div>Lead_scoring_inference_pipeline</div>	airflow	<div><div></div><div></div><div></div><div></div></div>	hourly	2023-01-16, 18:49:44	2023-01-16, 19:00:00	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	...
<div><div></div>Lead_scoring_training_pipeline</div>	airflow	<div><div></div><div></div><div></div><div></div></div>	monthly	2023-01-16, 18:43:32	2023-01-01, 00:00:00	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	...
Training pipelines for Lead Scoring System								
<div><div></div>example_bash_operator</div>	airflow	<div><div></div><div></div><div></div><div></div></div>	8-***		2023-01-15, 00:00:00	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div></div>	...
<div><div></div>example</div>								
<div><div></div>example2</div>								



Airflow DAGs Security Browse Admin Docs 19:12 UTC VS

DAG: Lead_scoring_training_pipeline Training pipeline for Lead Scoring System success Schedule: @monthly Next Run: 2023-01-01, 00:00:00

Grid Graph Calendar Task Duration Task Tiles Landing Times Gantt Details <> Code Audit Log

2023-01-16T18:43:33Z Runs 25 Run manual__2023-01-16T18:43:32.600494+00:00 Layout Left > Right Update Find Task...

PythonOperator

deferred failed queued running scheduled skipped success up_for_reschedule up_for_retry upstream_failed no_status

Auto-refresh

encoding_categorical_variables → training_model

Airflow DAGs Security Browse Admin Docs 19:13 UTC VS

DAG: Lead_scoring_inference_pipeline Inference pipeline of Lead Scoring system Schedule: @hourly Next Run: 2023-01-16, 19:00:00

Grid Graph Calendar Task Duration Task Tiles Landing Times Gantt Details <> Code Audit Log

01/16/2023 07:13:08 PM 25 All Run Types All Run States Clear Filters

Auto-refresh

encoding_categorical_variables
checking_input_features
generating_models_prediction
checking_model_prediction_ratio

Duration 00:24:59 00:12:29 00:00:00 Jan-16 17:00 Jan-16 12:00

Lead_scoring_inference_pipeline

DAG Details

DAG Runs Summary

Total Runs Displayed	14
Total success	9
Total failed	5
First Run Start	2023-01-16, 22:00:51 UTC
Last Run Start	2023-01-16, 18:49:45 UTC
Max Run Duration	00:24:59

Airflow DAGs Security Browse Admin Docs 19:13 UTC VS

DAG: Lead_scoring_inference_pipeline Inference pipeline of Lead Scoring system success Schedule: @hourly Next Run: 2023-01-16, 19:00:00

Grid Graph Calendar Task Duration Task Tiles Landing Times Gantt Details <> Code Audit Log

2023-01-16T18:49:45Z Runs 25 Run manual__2023-01-16T18:49:44.007180+00:00 Layout Left > Right Update Find Task...

PythonOperator

deferred failed queued running scheduled skipped success up_for_reschedule up_for_retry upstream_failed no_status

Auto-refresh

encoding_categorical_variables → checking_input_features → generating_models_prediction → checking_model_prediction_ratio

mlflow1.26.1ExperimentsModels

Experiments

Lead_scoring_mlflow_production

Share

Search Experiments

Default

Lead_scoring_mlflow...

Lead_Scoring_Trainin...

Track machine learning training runs in experiments. Learn more

Experiment ID: 1

Description

Edit

Refresh

Compare

Delete

Download CSV

Start Time

All time

Columns

Only show differences

metrics.mean < 1 and param.model = "tree"

Search

Filter

Clear

Showing 3 matching runs

								Metrics		Parameters			
	Start Time	Duration	Run Name	User	Source	Version	Models	False Negative	Precision	Precision_0	boosting_type	class_weight	colsample_bytree
	7 minutes ago	6.2s	Lead_scorin...	root	airflow	-	LightGBM/24	3996	0.737	0.792	gbdt	None	1.0
	4 days ago		Lead_scorin...	root	airflow	-		-	-	-	-	-	-
	4 days ago		Lead_scorin...	root	airflow	-		-	-	-	-	-	-

Load more

mlflow1.26.1ExperimentsModels

Experiments

Lead_Scoring_Training_Pipeline

Share

Search Experiments

Default

Lead_scoring_mlflow...

Lead_Scoring_Trainin...

Track machine learning training runs in experiments. Learn more

Experiment ID: 2

Description

Edit

Refresh

Compare

Delete

Download CSV

Start Time

All time

Columns

Only show differences

metrics.mean < 1 and param.model = "tree"

Search

Filter

Clear

Showing 30 matching runs

								Metrics		Parameters			
	Start Time	Duration	Run Name	User	Source	Version	Models	False Negative	Precision	Precision_0	boosting_type	class_weight	colsample_bytree
	20 hours ago	4.5s	Lead_scorin...	root	airflow	-	LightGBM/23	3996	0.737	0.792	gbdt	None	1.0
	1 day ago	5.2s	Lead_scorin...	root	airflow	-	LightGBM/22	3996	0.737	0.792	gbdt	None	1.0
	1 day ago	5.1s	Lead_scorin...	root	ipynotebook	-	LightGBM/21	3996	0.737	0.792	gbdt	None	1.0
	1 day ago	4.4s	Lead_scorin...	root	ipynotebook	-	LightGBM/20	-	-	-	gbdt	None	1.0
	1 day ago	4.6s	Lead_scorin...	root	ipynotebook	-	LightGBM/19	-	-	-	gbdt	None	1.0
	1 day ago	4.3s	Lead_scorin...	root	airflow	-	LightGBM/18	-	-	-	gbdt	None	1.0
	1 day ago	4.6s	Lead_scorin...	root	airflow	-	LightGBM/17	-	-	-	gbdt	None	1.0
	1 day ago	4.1s	Lead_scorin...	root	ipynotebook	-	LightGBM/15	-	-	-	gbdt	None	1.0
	1 day ago	4.0s	Lead_scorin...	root	ipynotebook	-	LightGBM/14	-	-	-	gbdt	None	1.0
	1 day ago	3.9s	Lead_scorin...	root	ipynotebook	-	LightGBM/13	-	-	-	gbdt	None	1.0
	1 day ago	3.9s	Lead_scorin...	root	ipynotebook	-	LightGBM/12	-	-	-	gbdt	None	1.0
	1 day ago	3.9s	Lead_scorin...	root	ipynotebook	-	LightGBM/11	-	-	-	gbdt	None	1.0
	1 day ago	3.8s	Lead_scorin...	root	ipynotebook	-	LightGBM/10	-	-	-	gbdt	None	1.0
	1 day ago	3.8s	Lead_scorin...	root	ipynotebook	-	LightGBM/9	-	-	-	gbdt	None	1.0

mlflow1.26.1ExperimentsModels

Registered Models

LightGBM

Version 24

Registered At: 2023-01-16 18:43:57

Stages: Production

Last Modified: 2023-01-16 18:45:20

Source Run: Lead_scoring_mlflow_production_run_16_01_2023_00_00_00

Description

Tags

Schema

mlflow1.26.1ExperimentsModels

Lead_scoring_mlflow_production

Lead_scoring_mlflow_production_run_16_01_2023_00_00_00

Lead_scoring_mlflow_production_run_16_01_2023_00_00_00

Date: 2023-01-16 18:43:52

Source: airflow

User: root

Duration: 6.2s

Status: FINISHED

Lifecycle Stage: active

Description

Parameters (20)

Metrics (13)


Tags

Artifacts

Lead_scoring_mlflow_production > Lead_scoring_mlflow_production_run_16_01_2023_00_00_00

Lead_scoring_mlflow_production_run_16_01_2023_00_00_00

Date: 2023-01-16 18:43:52

Source:  mlflow

User: root

Duration: 6:2s

Status: FINISHED

Lifecycle Stage: active


► Description [Edit](#)


► Parameters (20)


► Metrics (13)


Name	Value
False Negative f1	3996
Precision f1	0.737
Precision_0 f1	0.792
Precision_1 f1	0.7
Recall f1	0.746
Recall_0 f1	0.64
Recall_1 f1	0.833
True Negative f1	1529
F1 score f1	0.735
f1_0 f1	0.708
f1_1 f1	0.761
roc_auc f1	0.746
test_accuracy f1	0.737


▼ Artifacts


▼  models

 MLmodel

 conda.yaml

 model.pkl

 python_env.yaml

 requirements.txt

The screenshot shows the JupyterLab file browser interface. The top menu bar includes File, Edit, View, Run, Kernel, Git, Tabs, Settings, and Help. Below the menu is a toolbar with icons for creating a new file, opening a file, uploading, refreshing, and deleting. A search bar labeled "Filter files by name" is present. The current directory is "/ Assignment /". A table lists the files and folders in this directory:

Name	Last Modified
Lead_scoring_data_pipeline	12 days ago
Lead_scoring_inference_pipeline	20 hours ago
Lead_scoring_training_pipeline	5 days ago
mlruns	6 days ago
unit_test	a day ago

The screenshot shows the JupyterLab file browser interface with the directory changed to "/ Assignment / unit_test /". The search bar is empty. A table lists the files and folders in this directory:

Name	Last Modified
city_tier_mapping.py	5 days ago
constants.py	5 days ago
data_validation_checks.py	5 days ago
dummy.ipynb	a day ago
interaction_mapping.csv	5 days ago
lead_scoring_data_pipeline.py	5 days ago
leadscoring_test.csv	5 days ago
schema.py	5 days ago
significant_categorical_level.py	5 days ago
test_with_pytest.py	5 days ago
unit_test_cases.db	5 days ago
utils_output.db	5 days ago
utils.py	5 days ago

