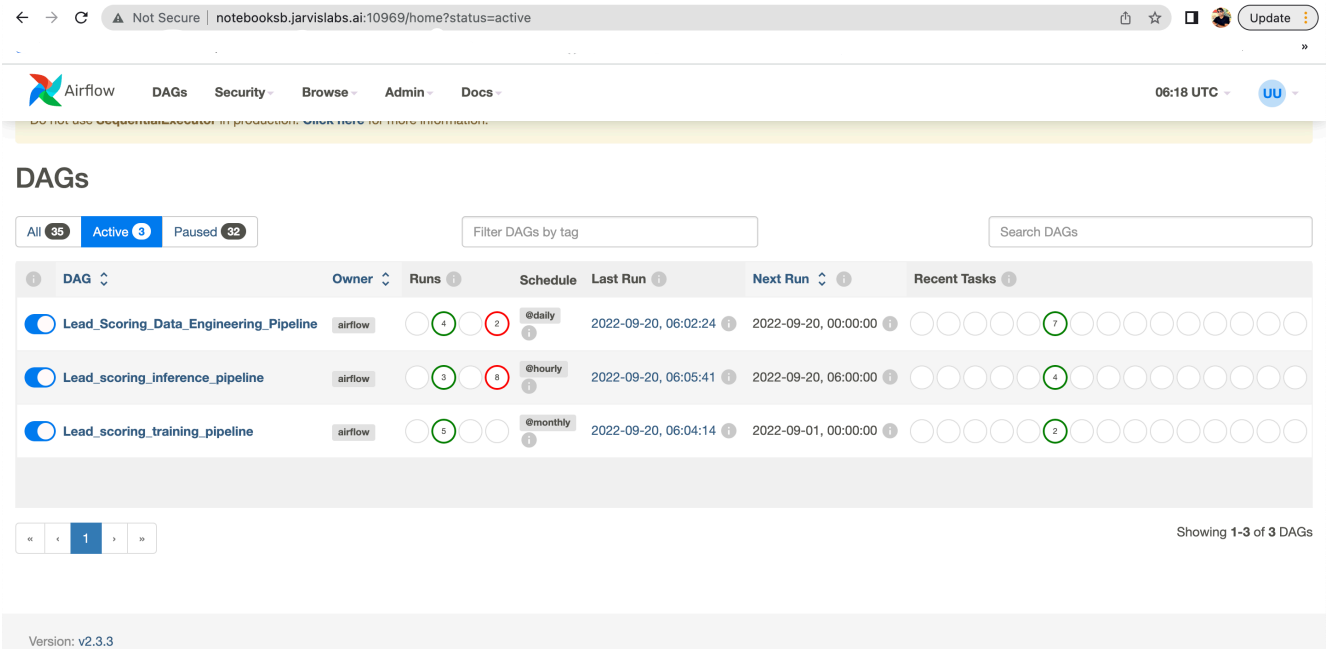
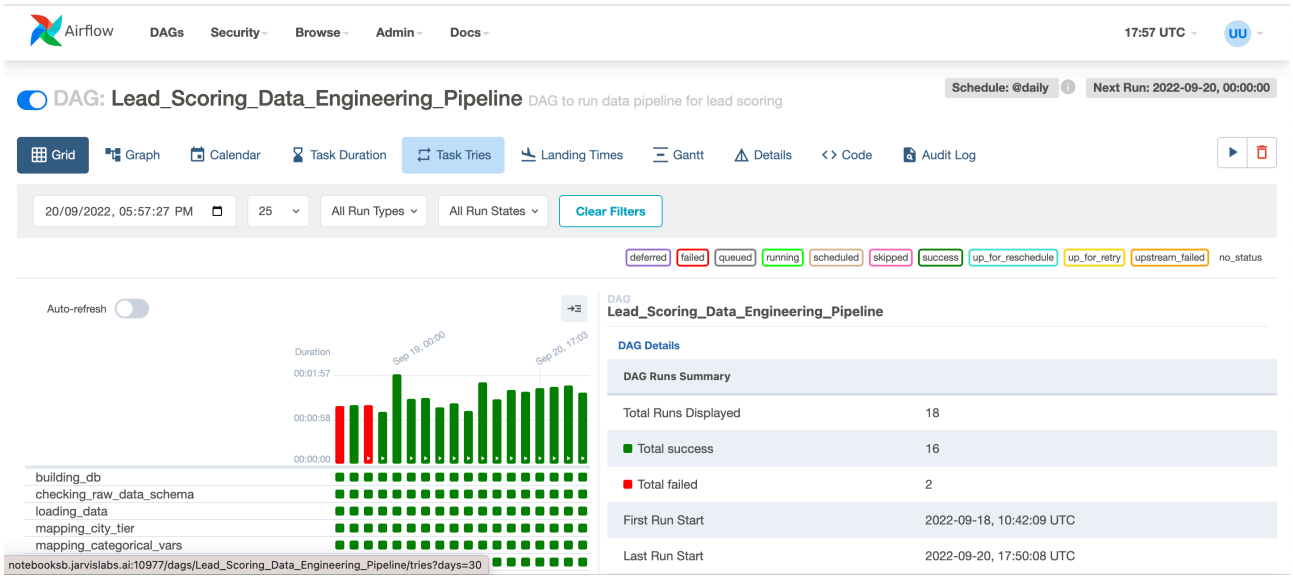
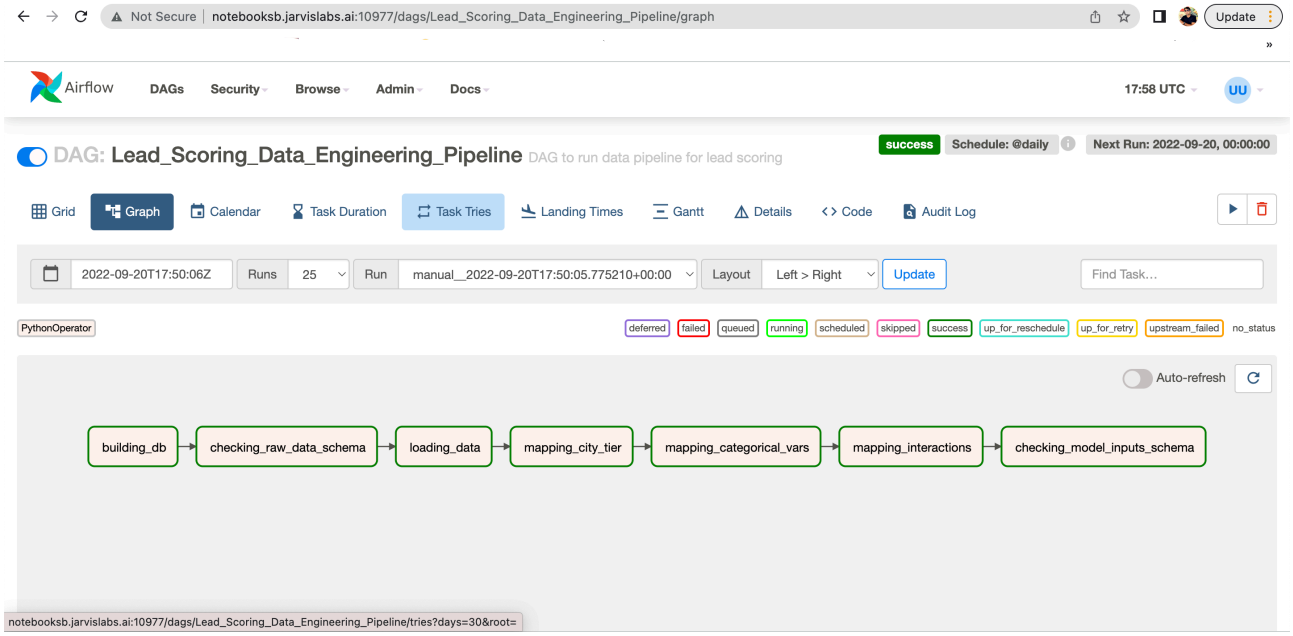
AIRFLOW HOMEPAGE

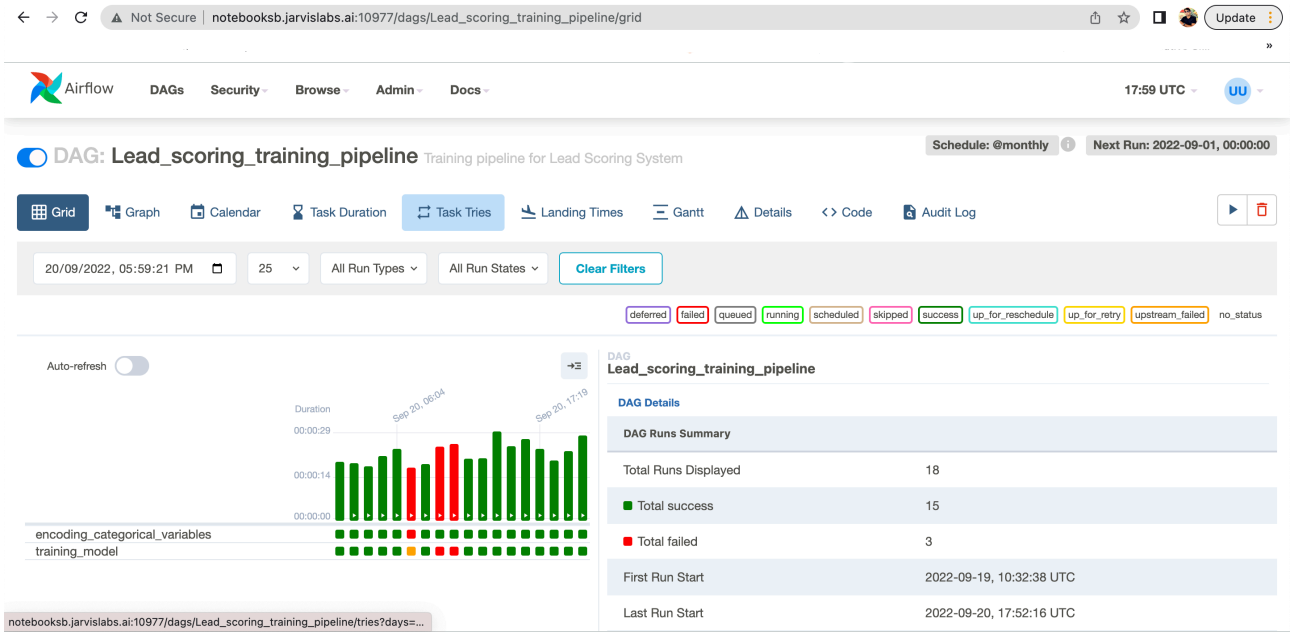


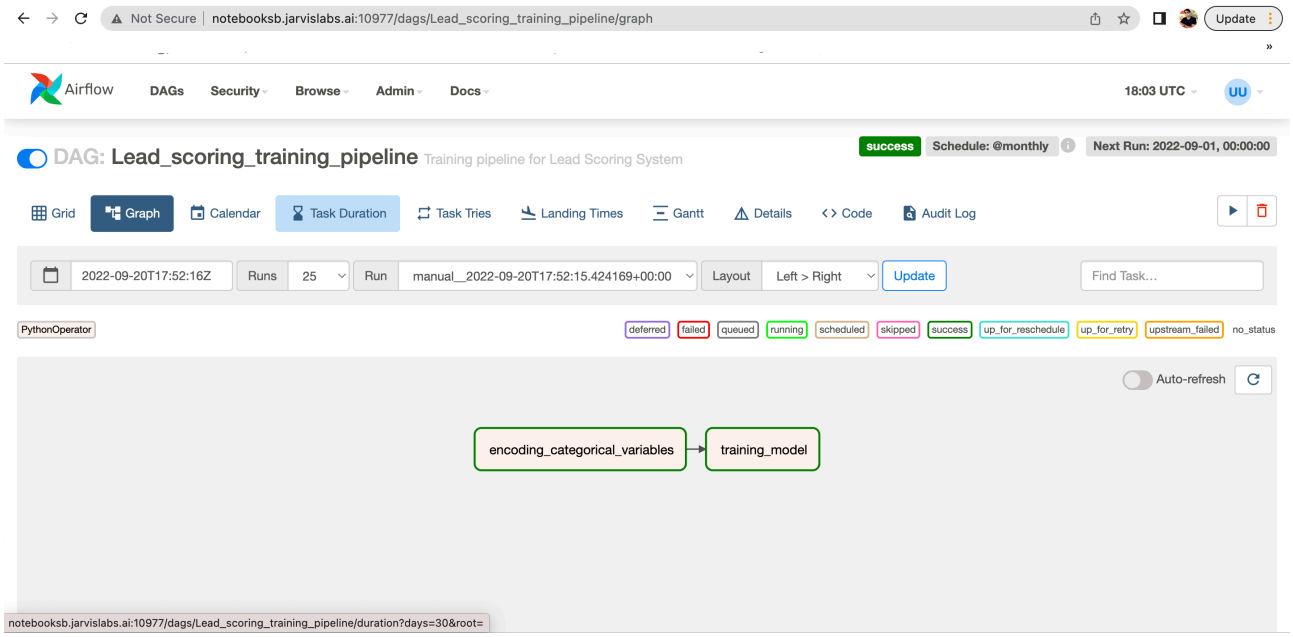
DATA PIPELINE



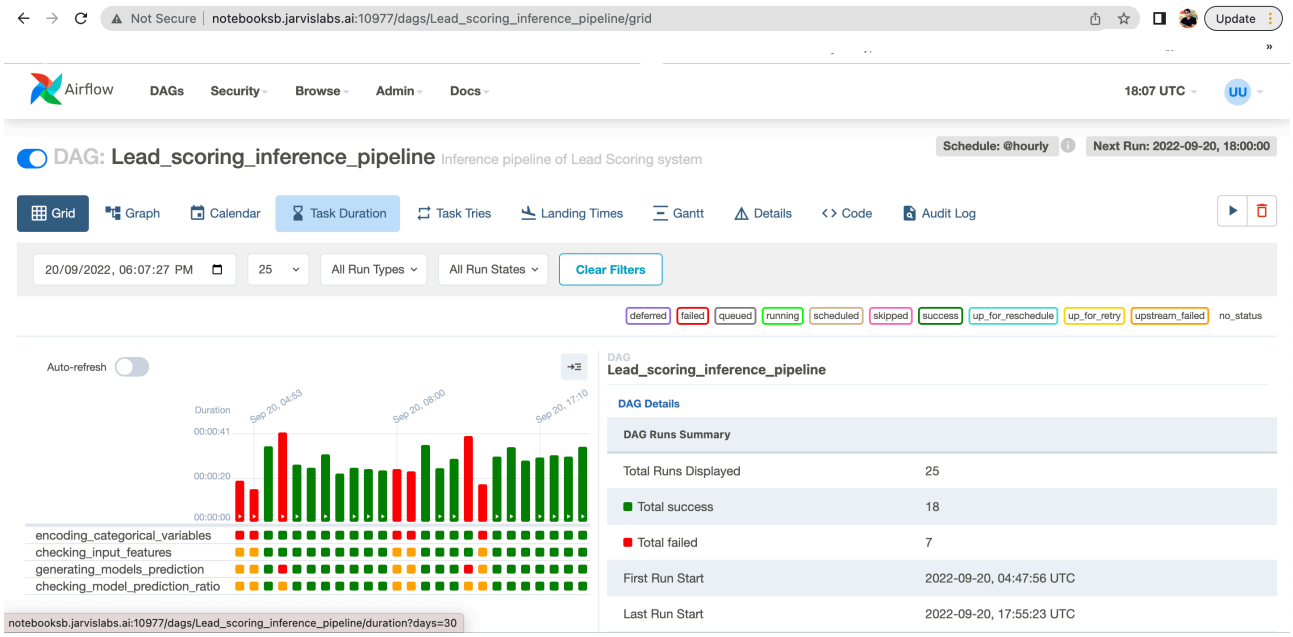


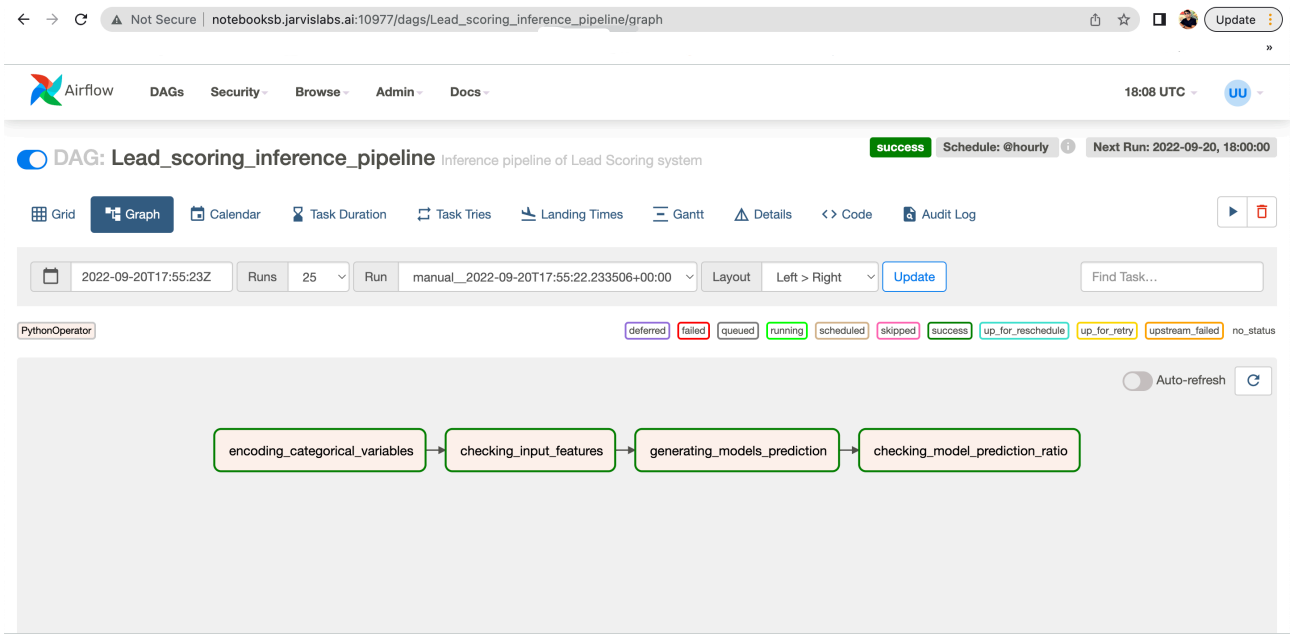
Training Pipeline



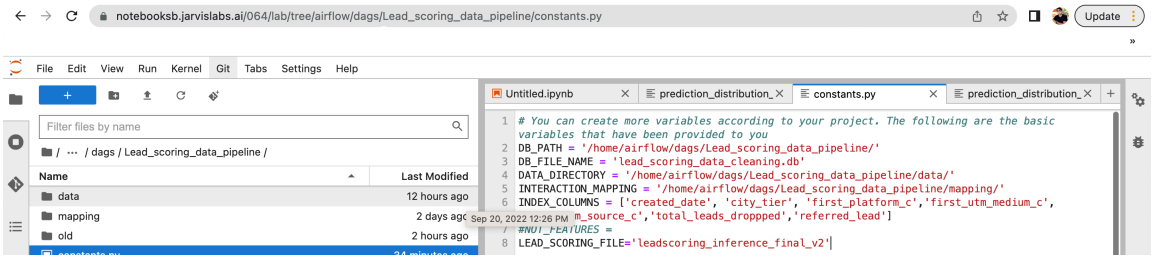


Inference Pipeline

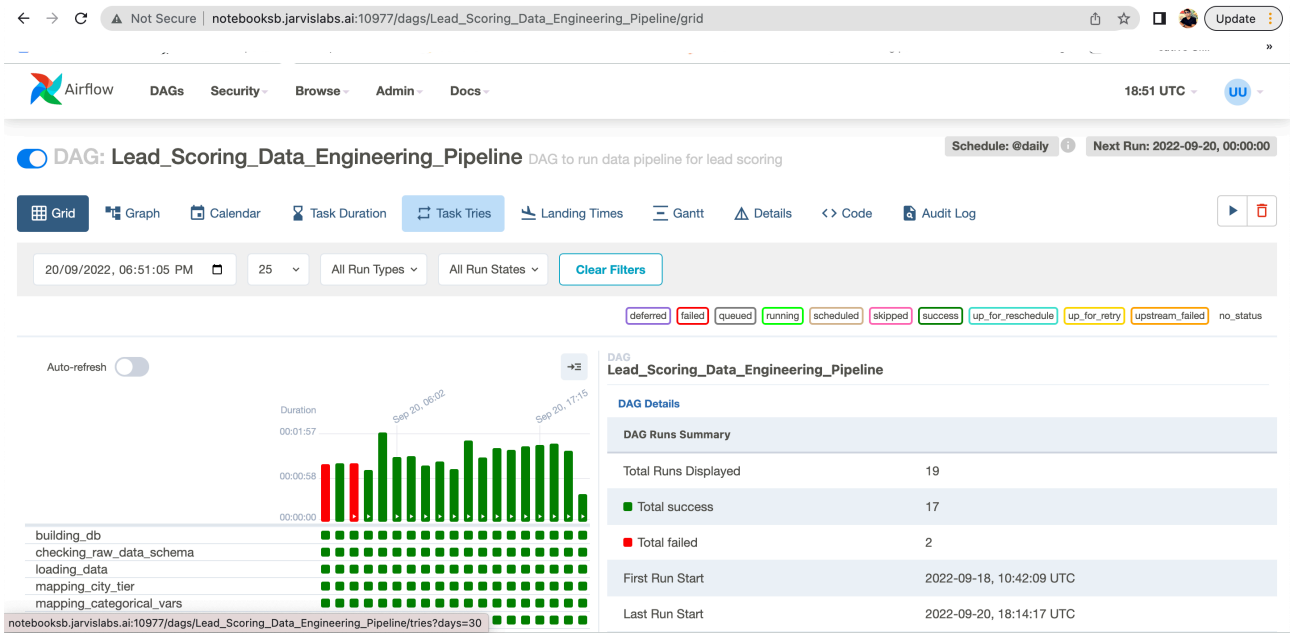




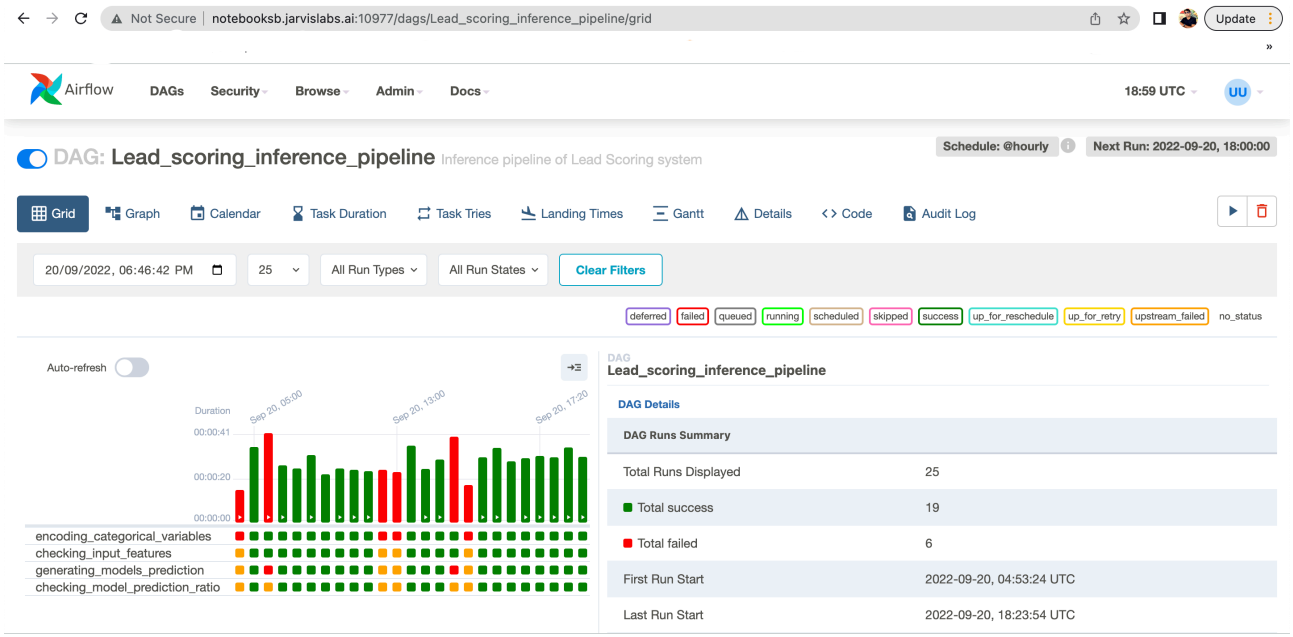
After making changes in Data Pipeline for Inference file



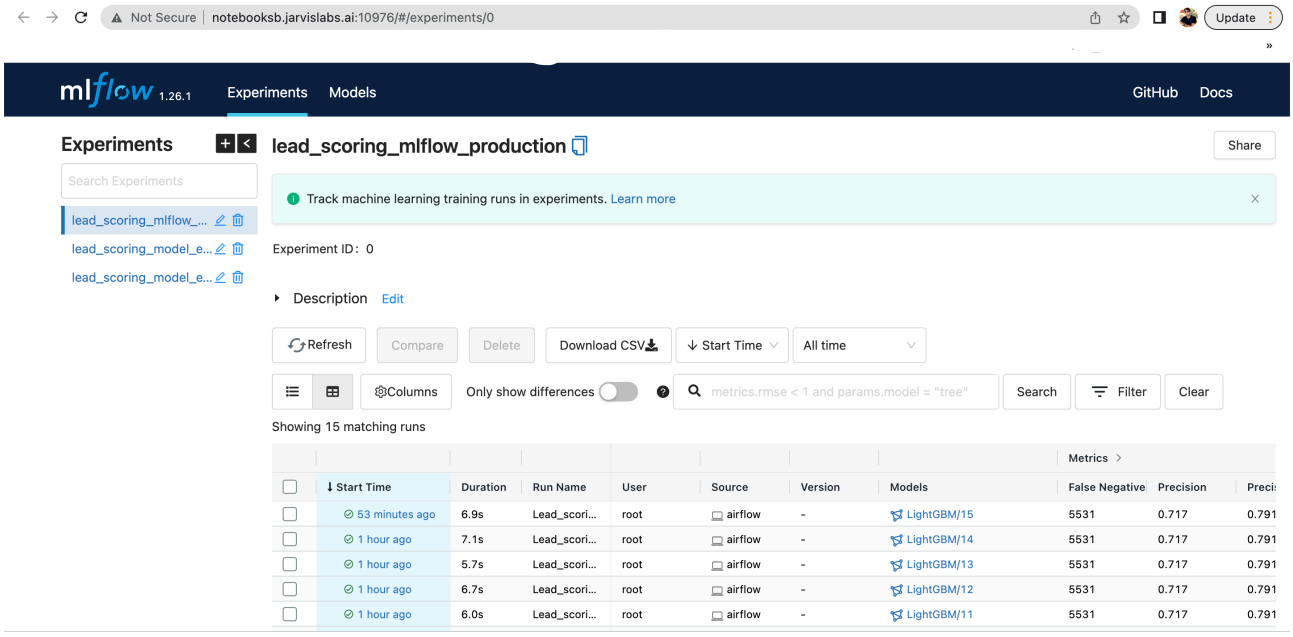
Data Pipeline

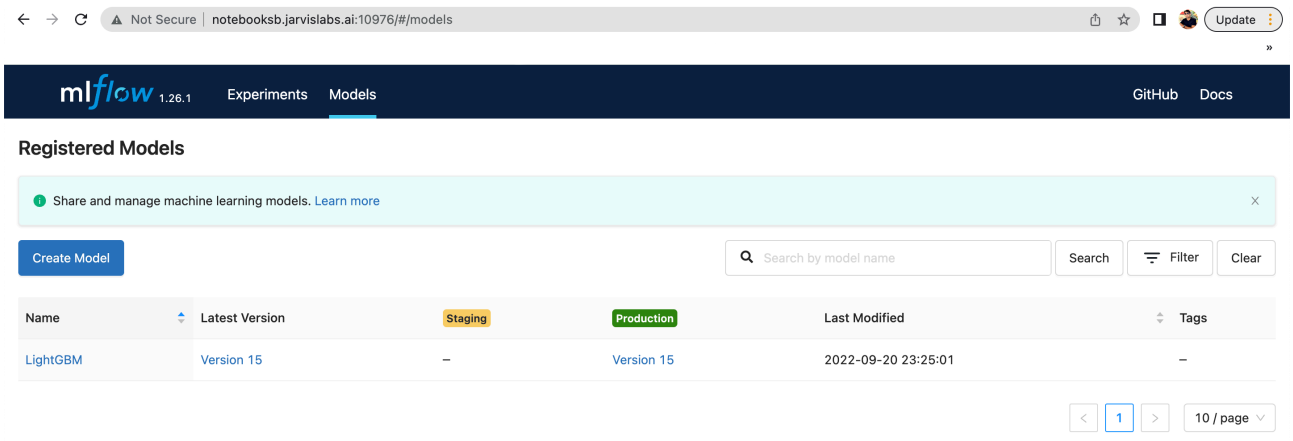


Data Inference

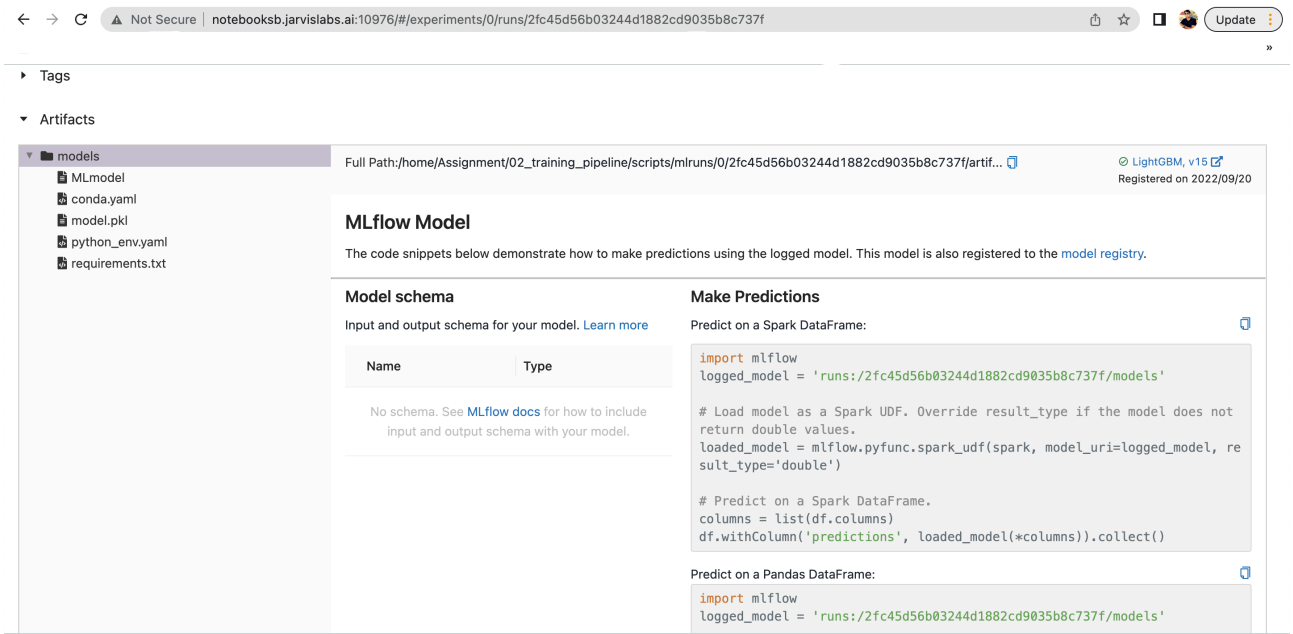


ML Flow Server

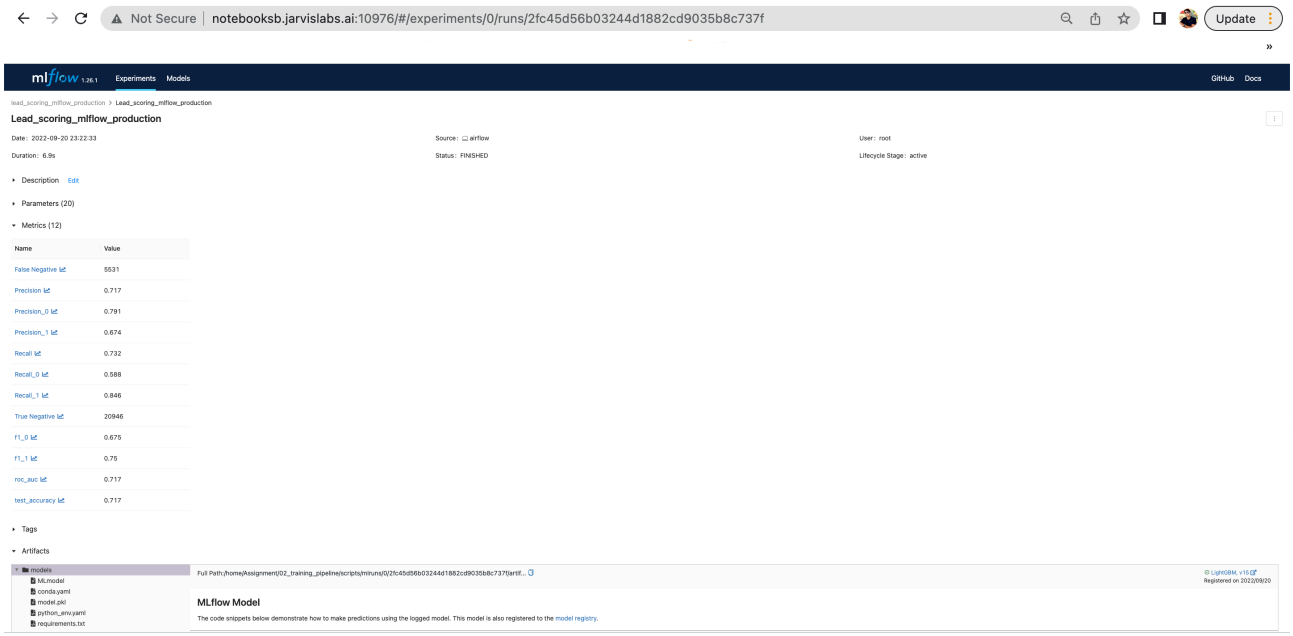



Not Secure | notebooksb.jarvislabs.ai:10976/#/models
Update
mlflow 1.26.1
Experiments
Models
GitHub
Docs
Registered Models
Share and manage machine learning models. Learn more
Create Model
Search by model name
Search
Filter
Clear
Name
Latest Version
Staging
Production
Last Modified
Tags
LightGBM
Version 15
–
Version 15
2022-09-20 23:25:01
–
1
10 / page

Models:


Not Secure | notebooksb.jarvislabs.ai:10976/#/experiments/0/runs/2fc45d56b03244d1882cd9035b8c737f
Update
Tags
Artifacts
models
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
Full Path:/home/Assignment/02_training_pipeline/scripts/mlruns/0/2fc45d56b03244d1882cd9035b8c737f/artif...
LightGBM, v15
Registered on 2022/09/20
MLflow Model
The code snippets below demonstrate how to make predictions using the logged model. This model is also registered to the model registry.
Model schema
Input and output schema for your model. Learn more
Name
Type
No schema. See MLflow docs for how to include input and output schema with your model.
Make Predictions
Predict on a Spark DataFrame:
import mlflow
logged_model = 'runs:/2fc45d56b03244d1882cd9035b8c737f/models'
# Load model as a Spark UDF. Override result_type if the model does not return double values.
loaded_model = mlflow.pyfunc.spark_udf(spark, model_uri=logged_model, result_type='double')
# Predict on a Spark DataFrame.
columns = list(df.columns)
df.withColumn('predictions', loaded_model(*columns)).collect()
Predict on a Pandas DataFrame:
import mlflow
logged_model = 'runs:/2fc45d56b03244d1882cd9035b8c737f/models'

Metrics



Parameters

Please Note : - Regarding Unit Test and Scripts Files

- **Data Pipeline Unit test ipynb file location : Lead_scoring_data_pipeline/AssignmentFolderFiles/scripts/test_utils_and_validation_check.ipynb**
- **Data Training pipeline Unit test Ipynb file location : Lead_scoring_training_pipeline/AssignmentFolderFiles/Scripts/TestTrainingPipeline.ipynb**
- **Data Inference pipeline Unit test ipynb file : Lead_scoring_inference_pipeline/AssignmentFolderFiles/scripts/Test_Inference_Function.ipynb**

All the relevant Scripts files are placed in AssignmentFolder/scripts under respective Pipelines folder