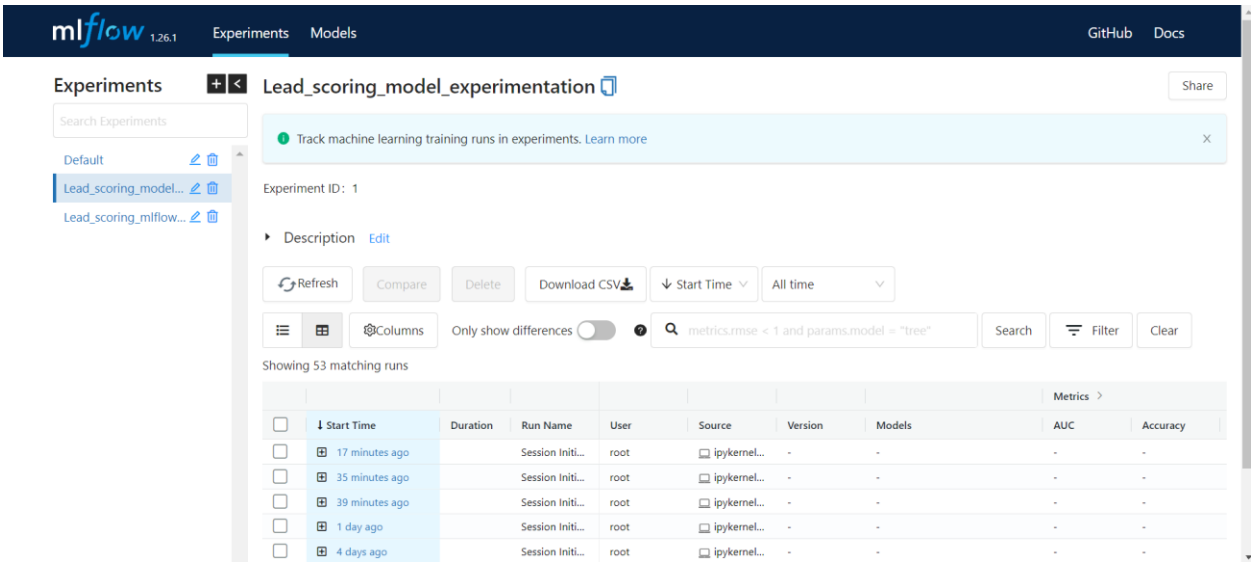
Screenshots of MLOPS assignment

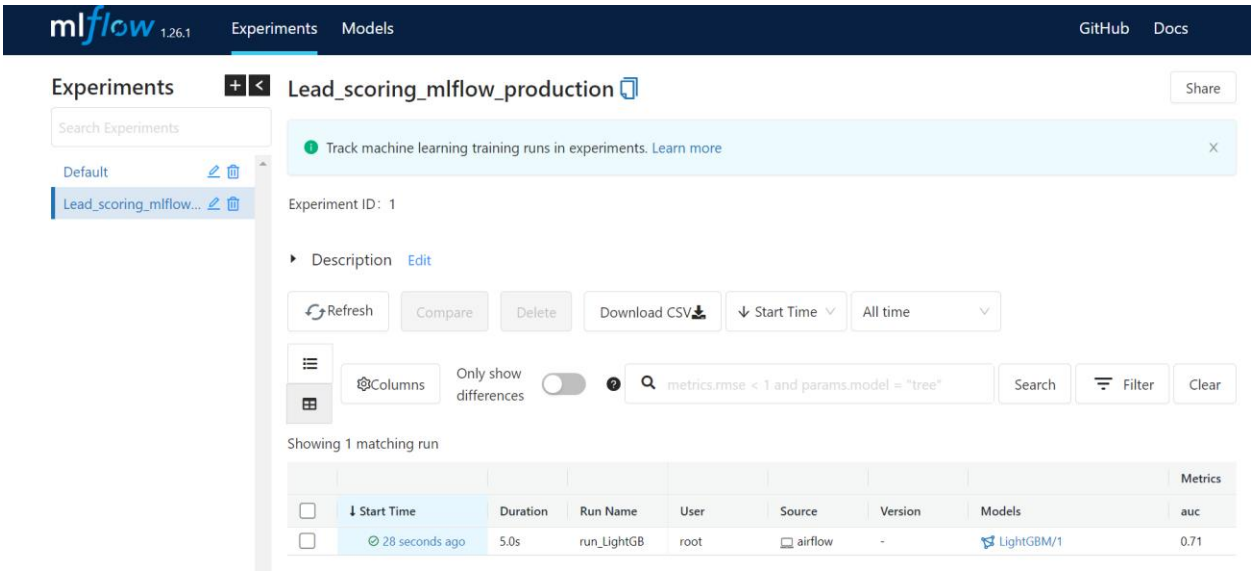
Screenshot of mlflow ui

Screenshot of all the experiments

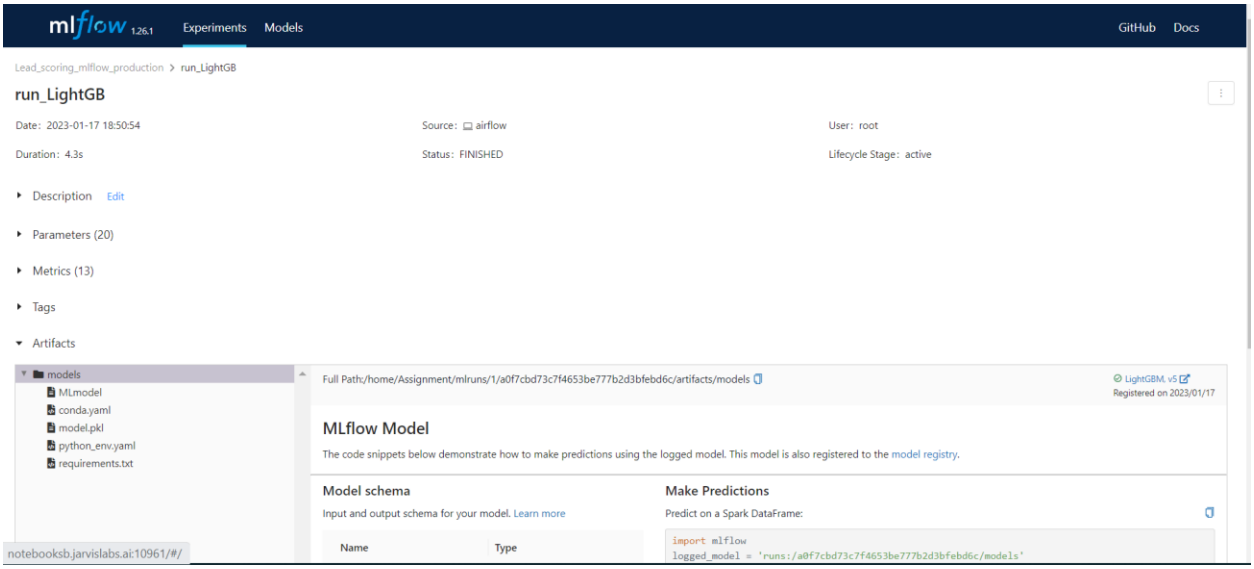


Screenshot of mlflow ui after dropping features

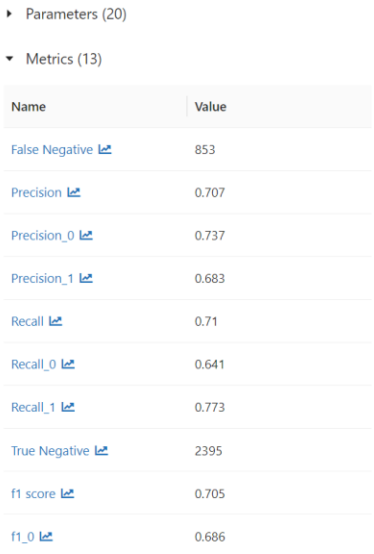
screenshot of all the experiments



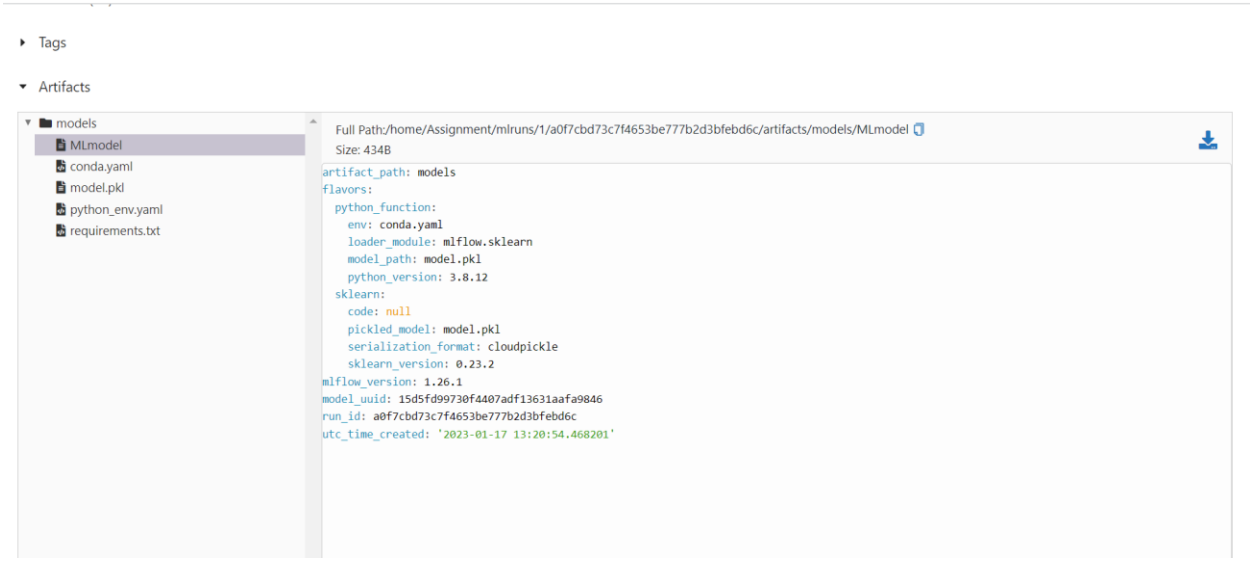
screenshot of one experiments with all the artifacts visible



Metrics

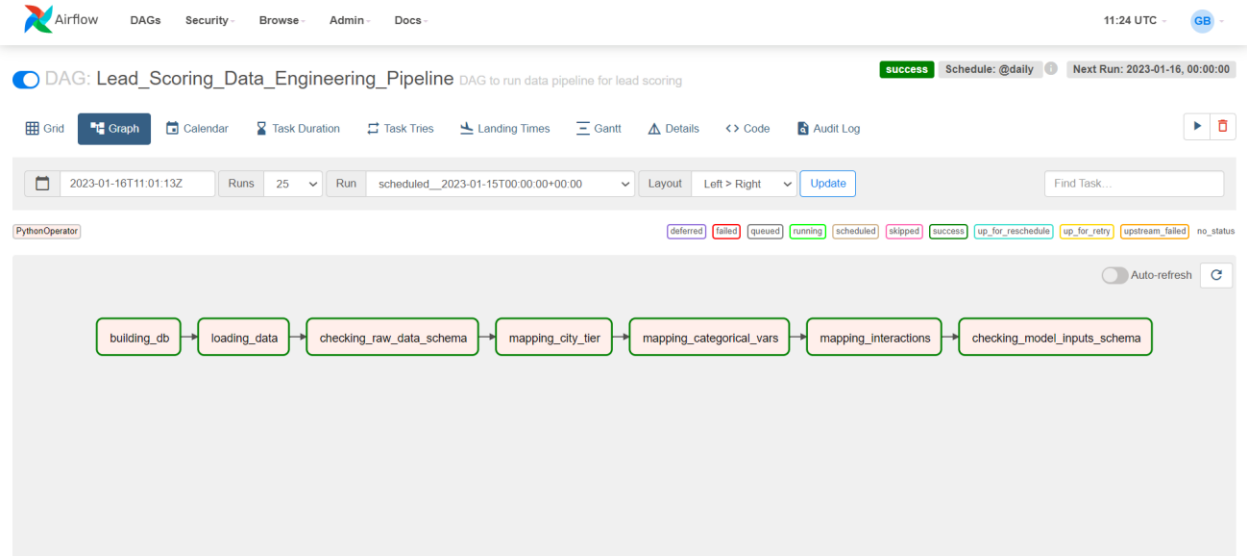


Artifacts

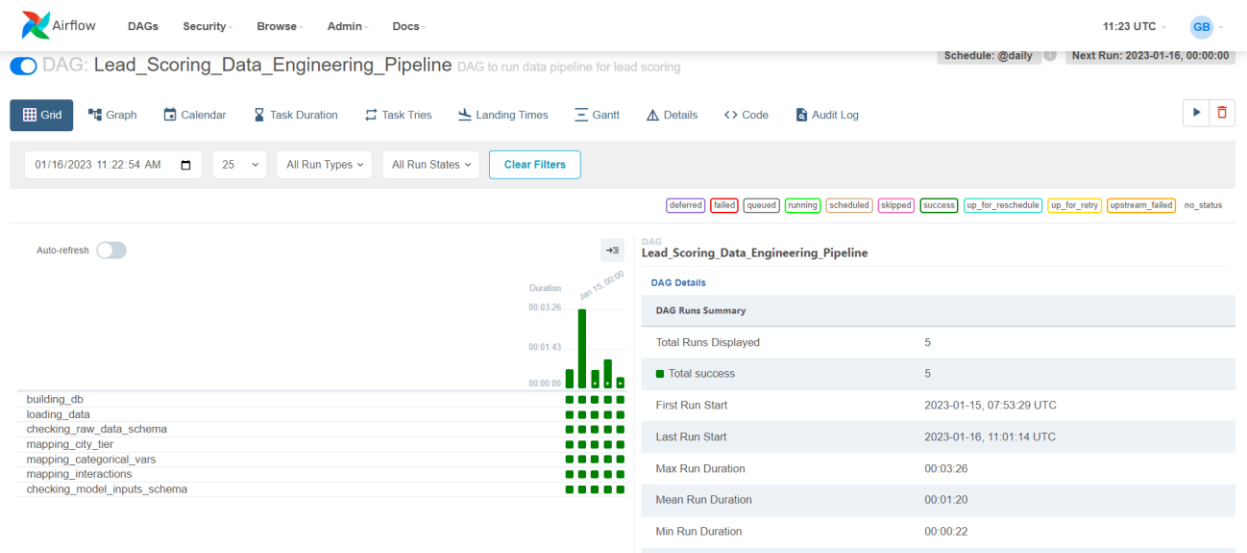

Tags
Artifacts
models
MLmodel
conda.yaml
model.pkl
python_env.yaml
requirements.txt
Full Path:/home/Assignment/mlruns/1/a0f7cbd73c7f4653be777b2d3bfebd6c/artifacts/models/MLmodel
Size: 434B
artifact_path: models
flavors:
python_function:
env: conda.yaml
loader_module: mlflow.sklearn
model_path: model.pkl
python_version: 3.8.12
sklearn:
code: null
pickled_model: model.pkl
serialization_format: cloudpickle
sklearn_version: 0.23.2
mlflow_version: 1.26.1
model_uuid: 15d5fd99730f4407adf13631aafa9846
run_id: a0f7cbd73c7f4653be777b2d3bfebd6c
utc_time_created: '2023-01-17 13:20:54.468201'

Create an airflow dag python file for data pipeline

Screenshot of sucessful execution Airflow DAG in graph

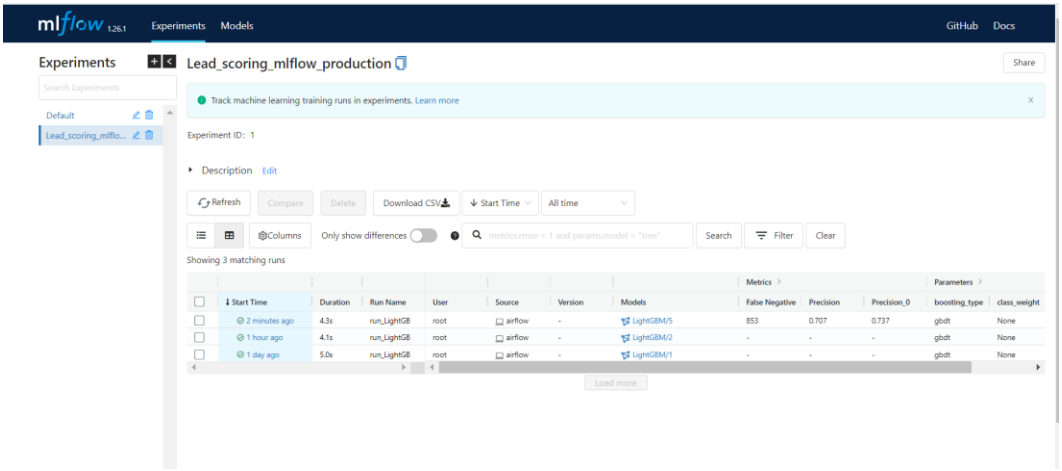


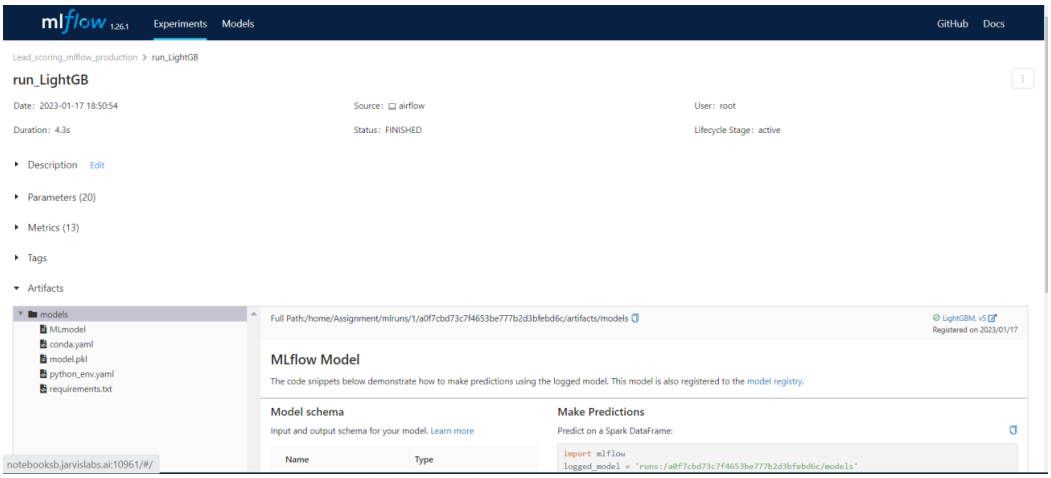
Screenshot of Airflow UI grid

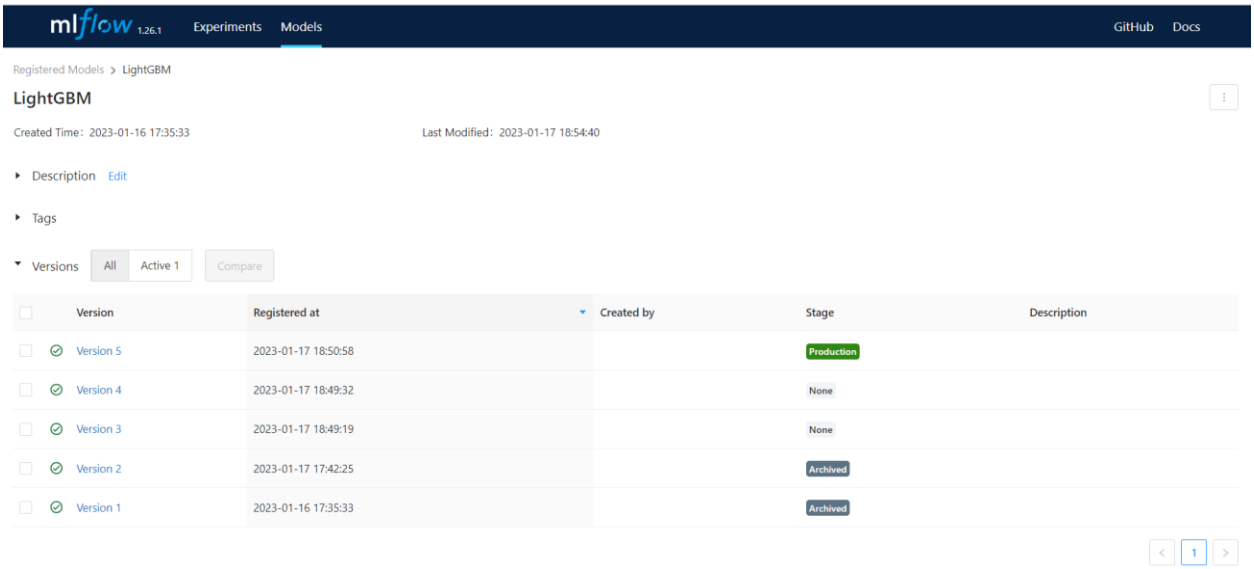


Training pipeline

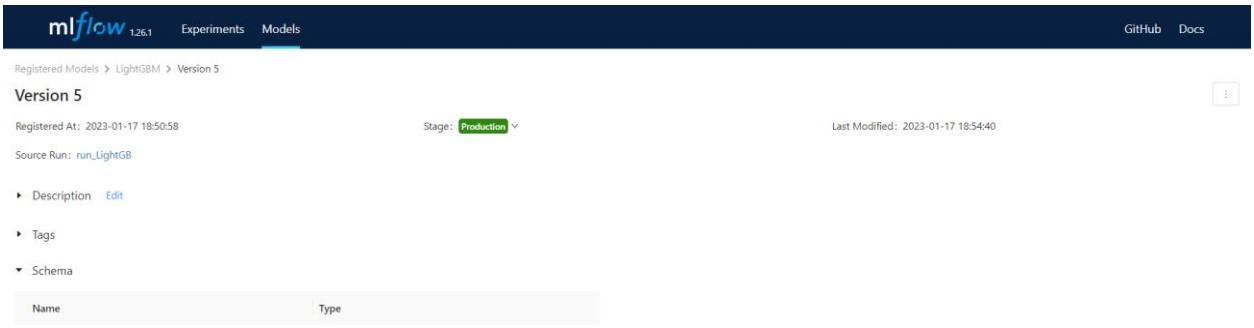
screenshot of experiments with all the artifacts visible



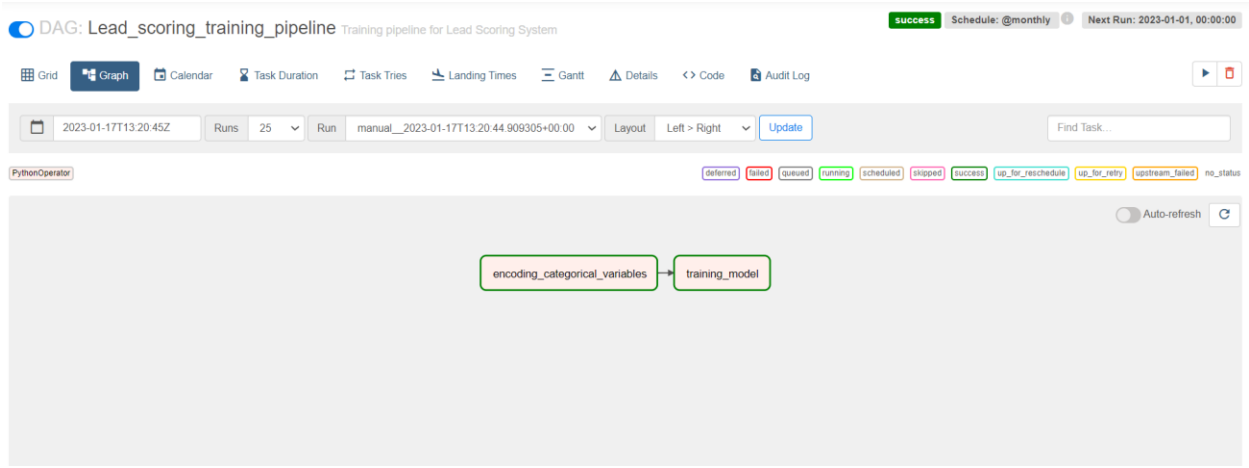




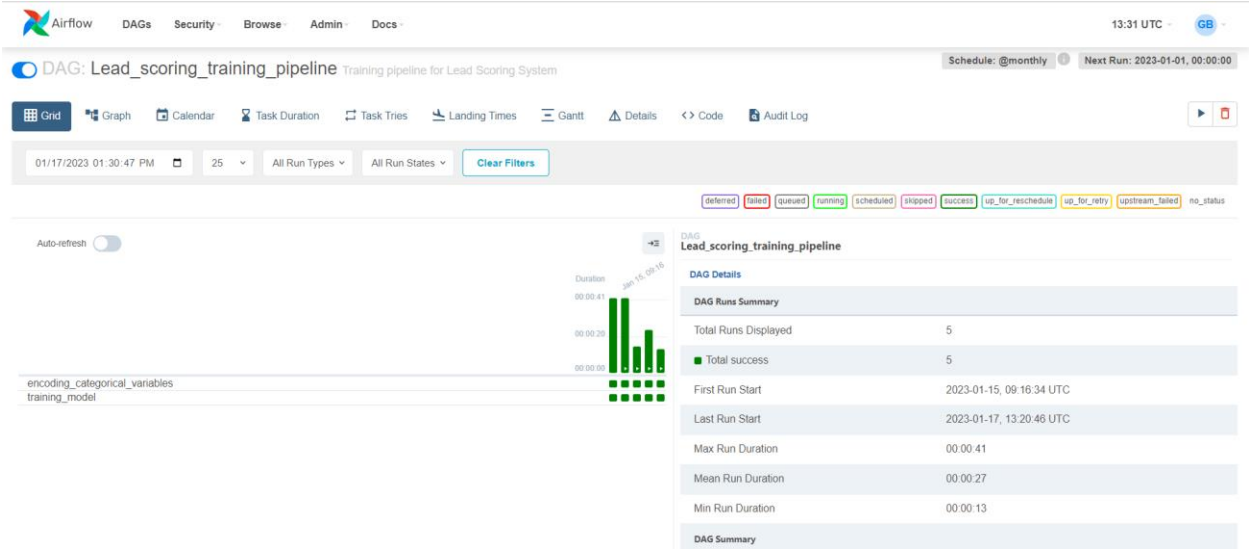
screenshot of model registry with model name and stage as 'production'



Successful execution Airflow DAG in graph

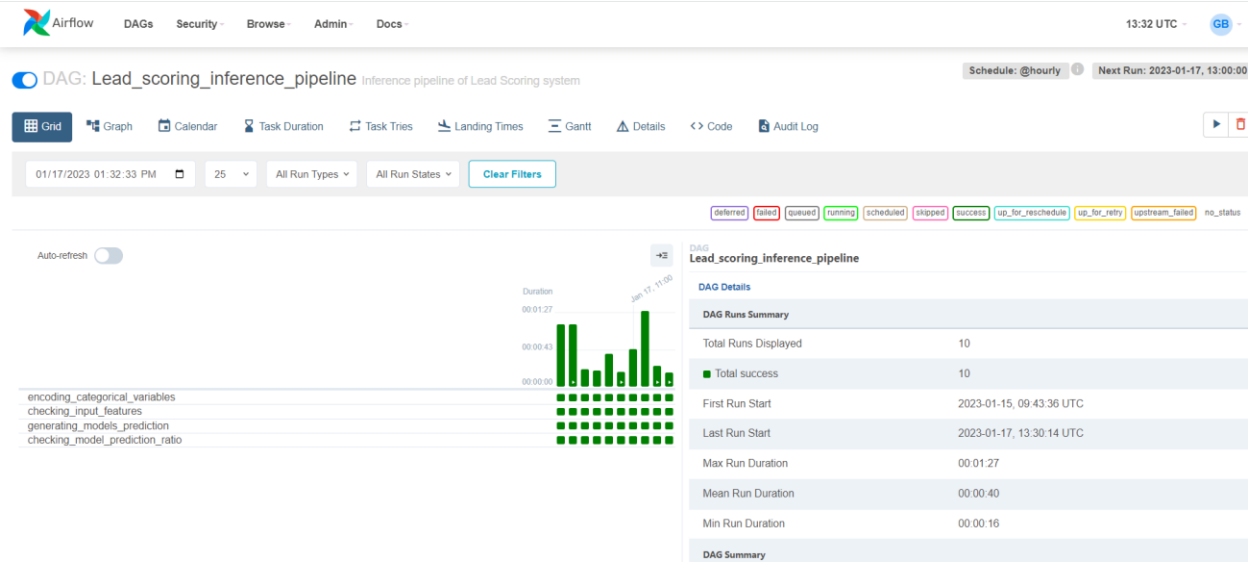


Screenshot of Airflow UI grid

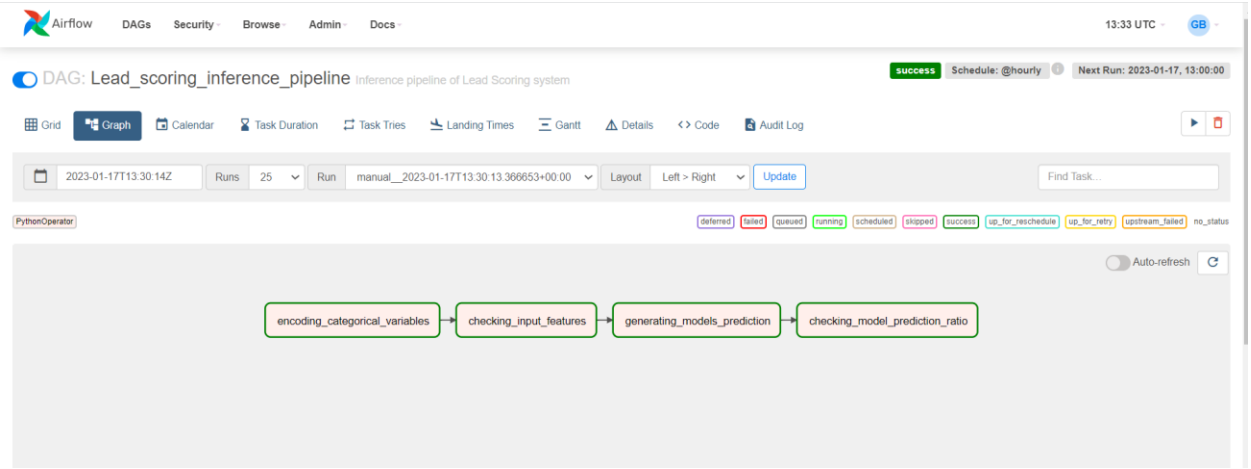


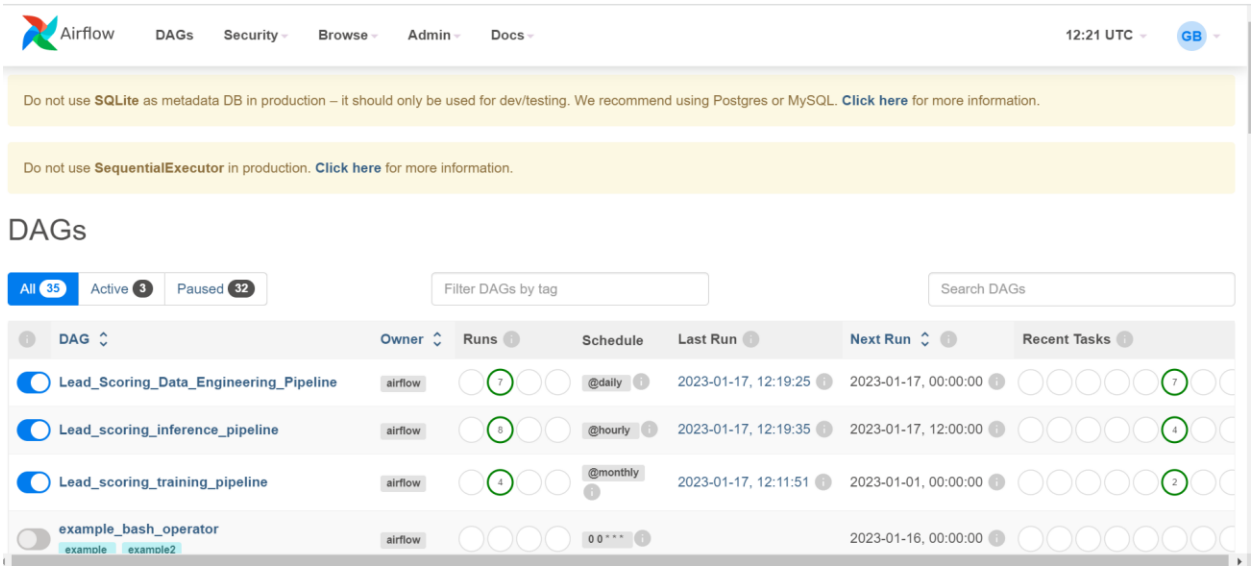
Create an airflow dag python file for inference pipeline

Screenshot of Airflow UI grid



Screenshot of sucessful execution Airflow DAG in graph





PyTest

```
root@1cb34673b987:~/Assignment/01_data_pipeline/scripts/unit_test# pytest
============================================================ test session starts =============================================================
platform linux -- Python 3.8.12, pytest-6.2.5, py-1.11.0, pluggy-1.0.0
rootdir: /home/Assignment/01_data_pipeline/scripts/unit_test
plugins: anyio-3.6.1, cov-3.0.0, pythonpath-0.7.4, hypothesis-4.50.8
collected 4 items

test_with_pytest.py ....                                                                                                             [100%]

============================================================= 4 passed in 0.64s ==============================================================
root@1cb34673b987:~/Assignment/01_data_pipeline/scripts/unit_test#
root@1cb34673b987:~/Assignment/01_data_pipeline/scripts/unit_test#
```