MLOps Assignment

- Screenshots at different levels from feature engineering to training and production.

Submitted by:
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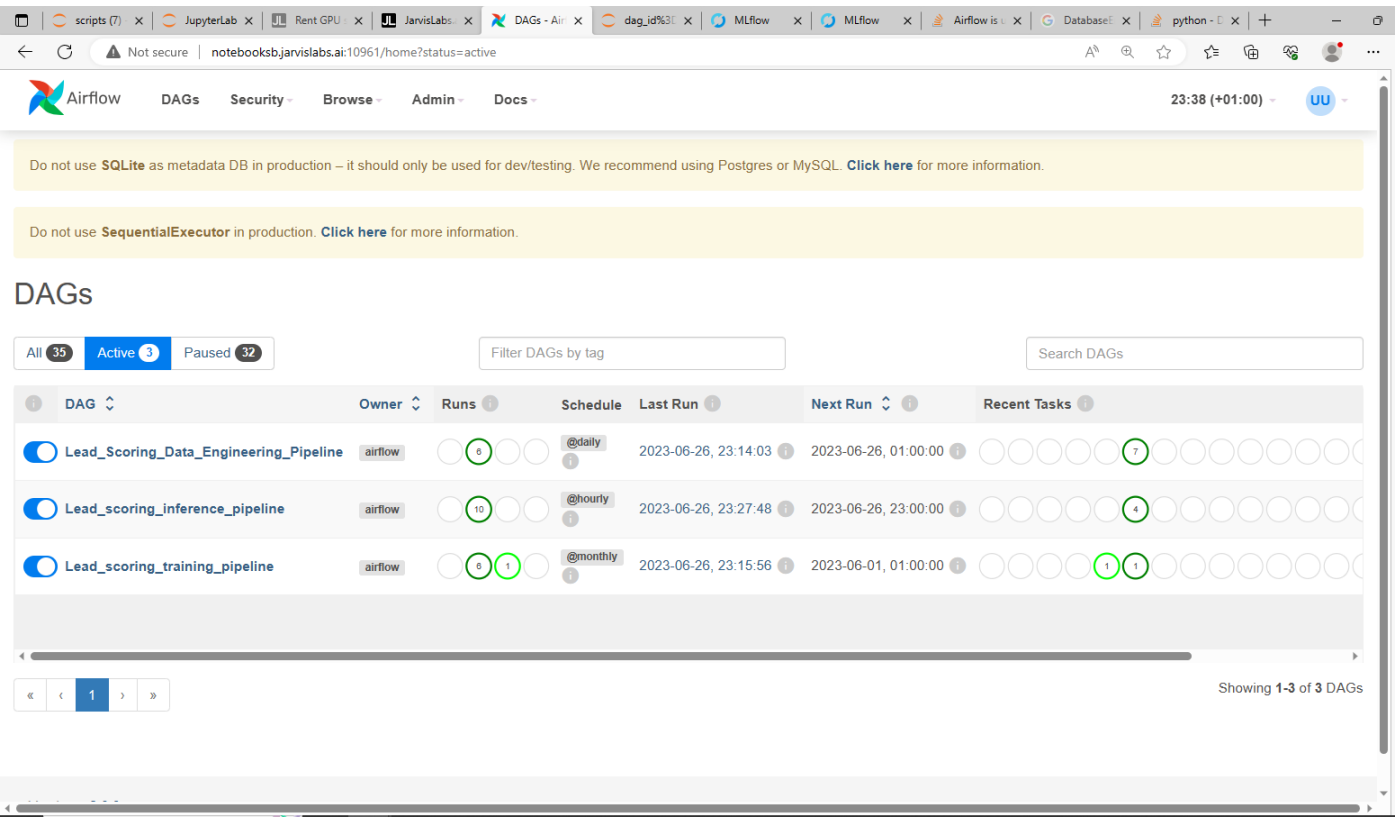
Airflow Main UI Page



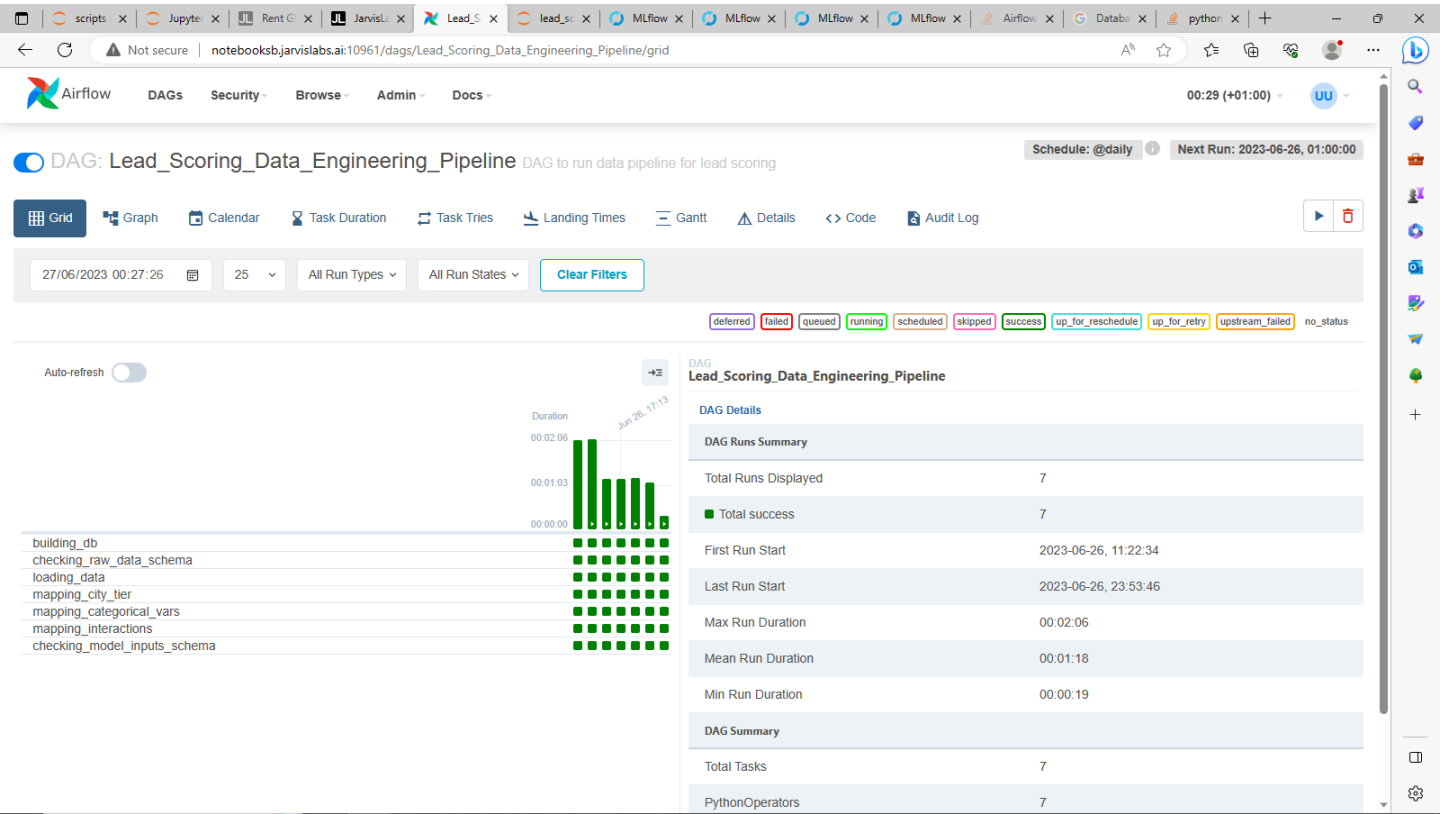
3 Active DAGs from Airflow Main Page

1. Lead_Scoring_Data_Engineering_Pipeline
2. Lead_scoring_training_pipeline
3. Lead_scoring_inference_pipeline

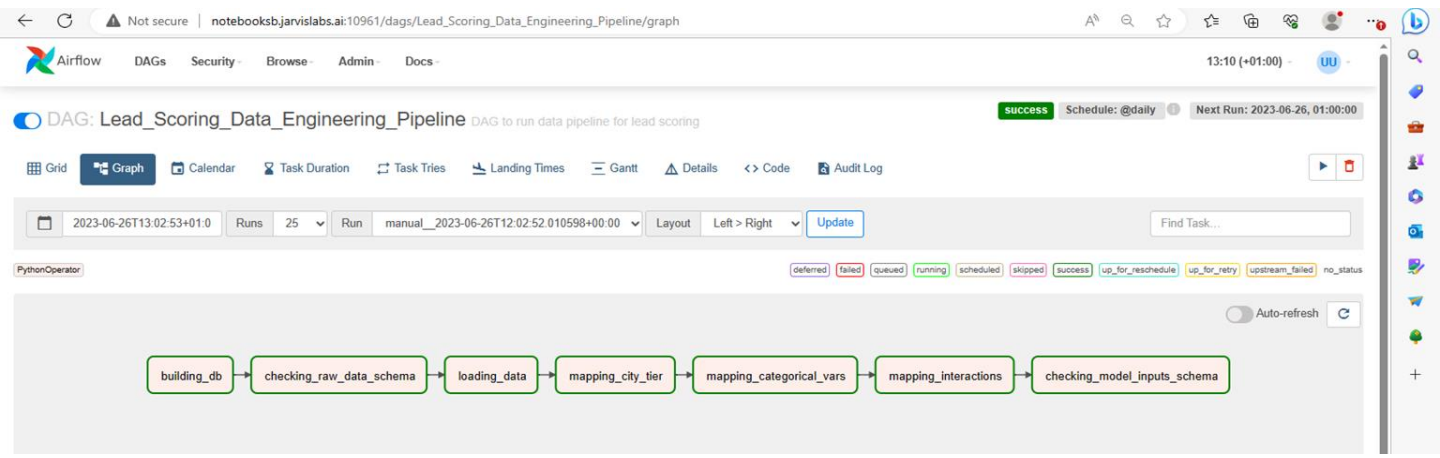
Airflow - Data Pipeline

Dag of Lead_Scoring_Data_Engineering_Pipeline

- Screenshot of Airflow UI grid



- Screenshot of successful execution Airflow DAG in graph

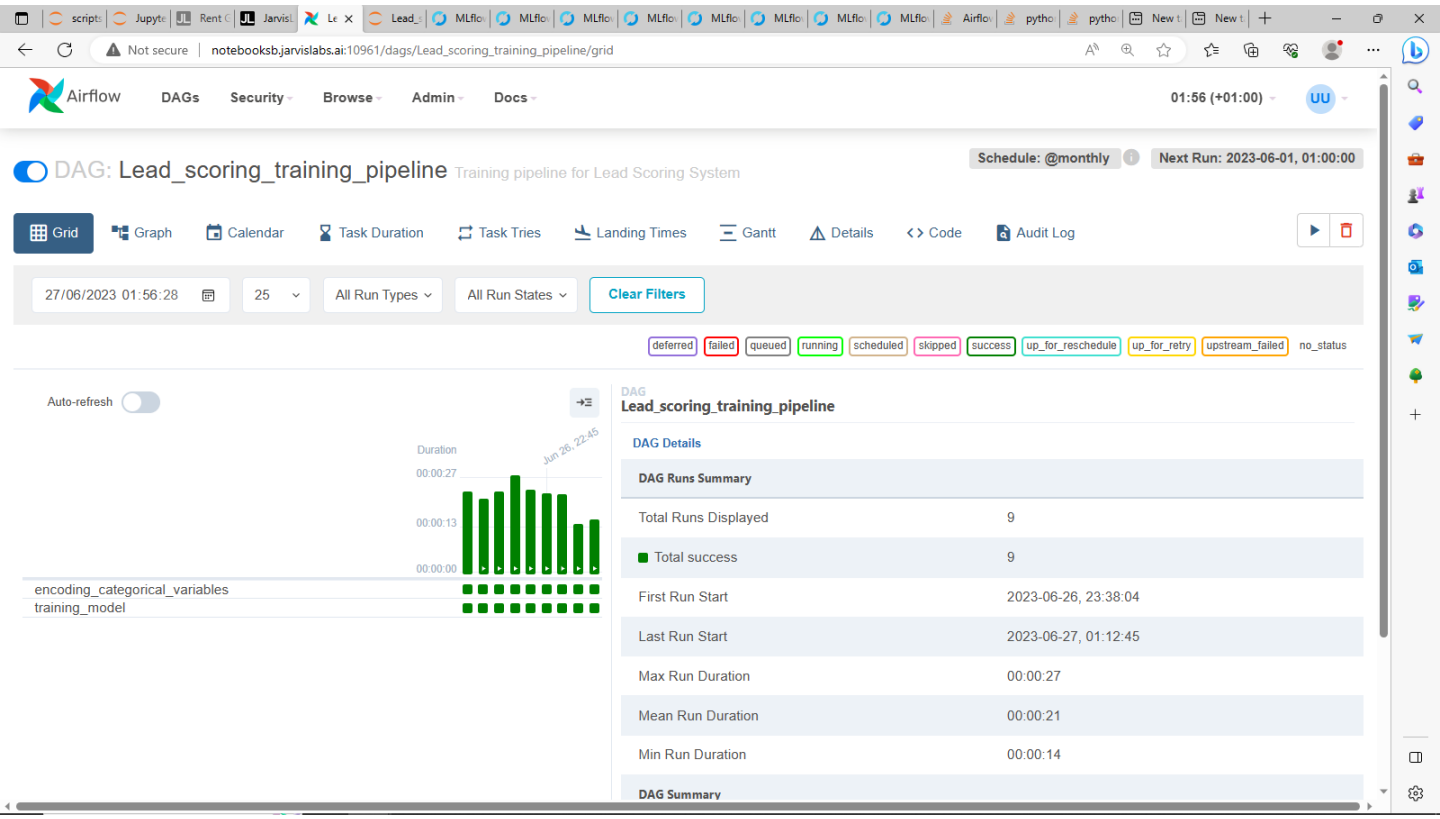


Manual & Scheduled Run with Successful Runs and 7 tasks done

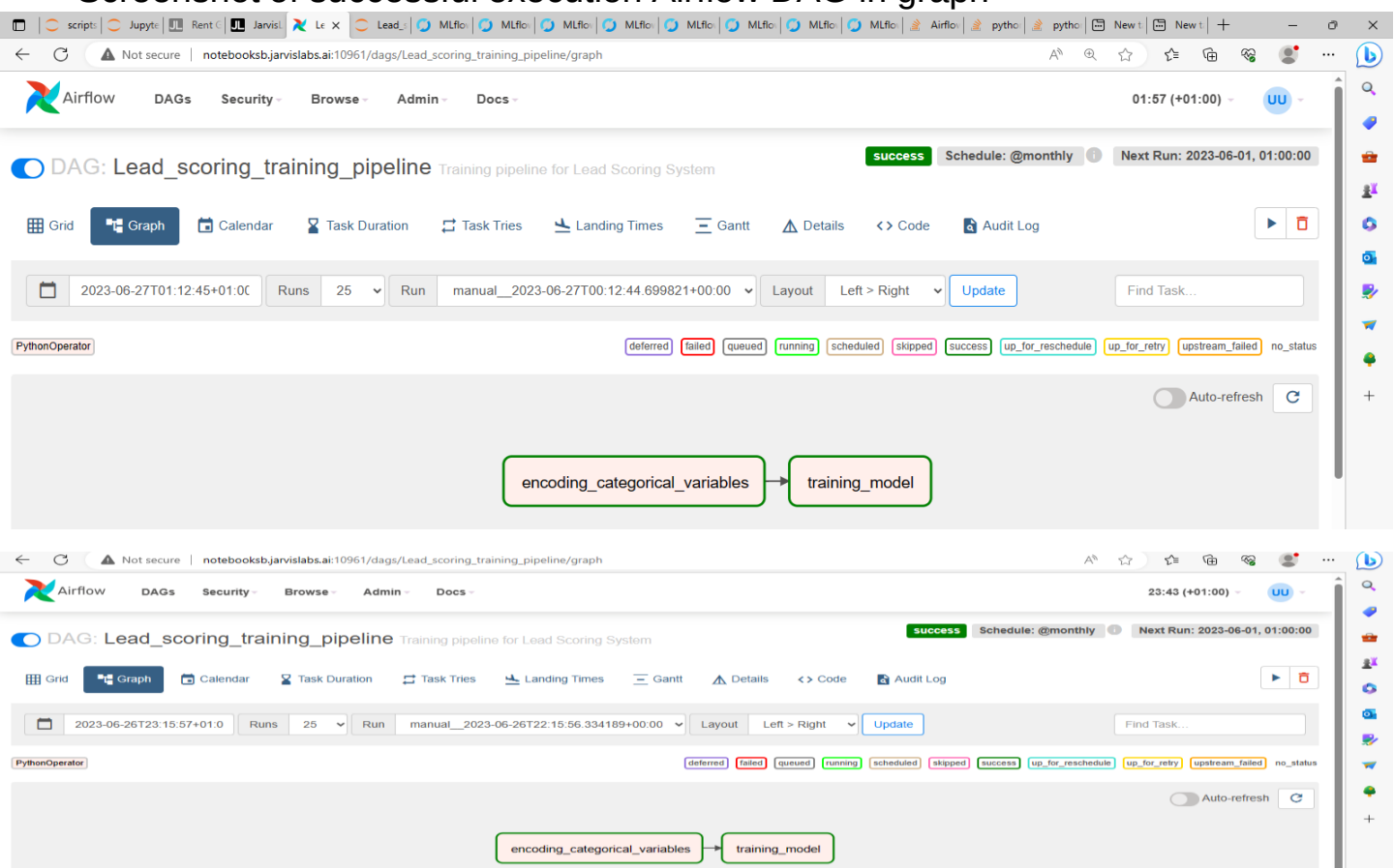
Airflow - Training Pipeline

Dag of Lead_scoring_training_pipeline

- Screenshot of Airflow UI grid



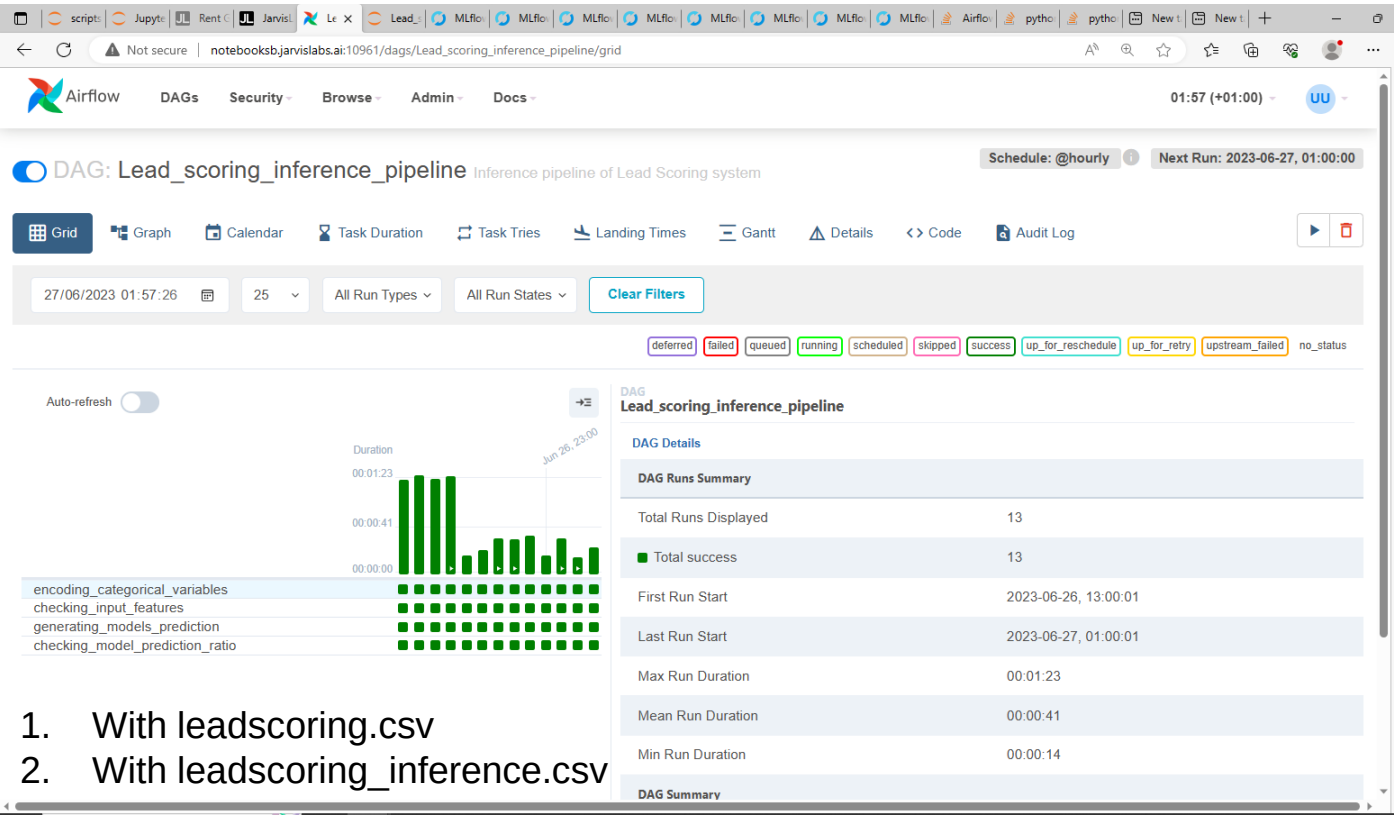
- Screenshot of successful execution Airflow DAG in graph



Airflow - Inference Pipeline

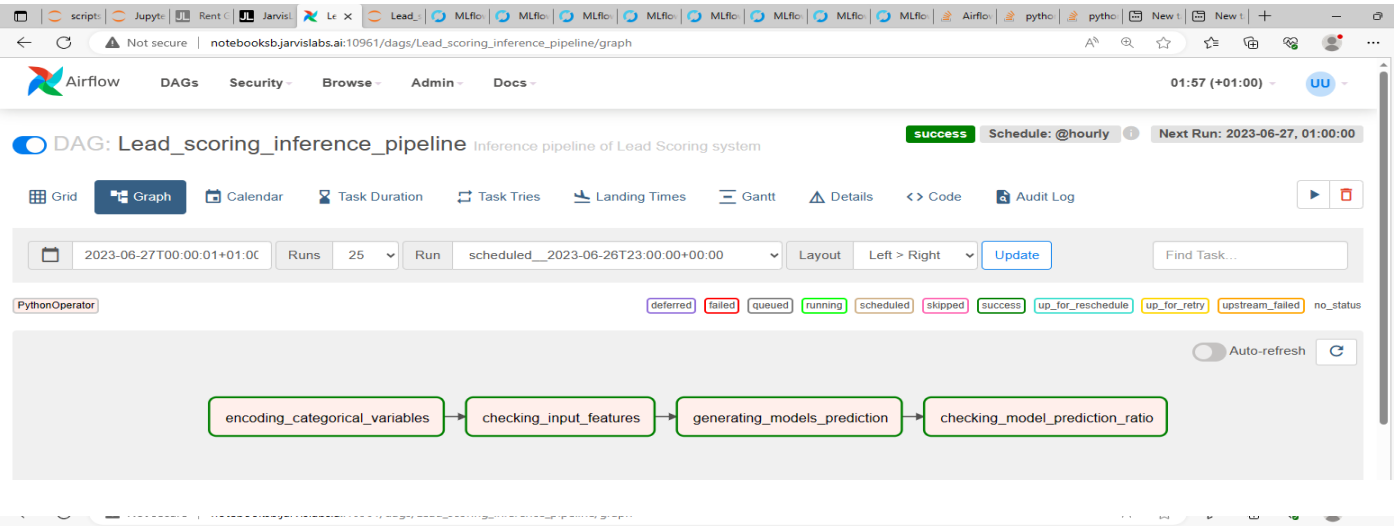
Dag of Lead_scoring_inference_pipeline

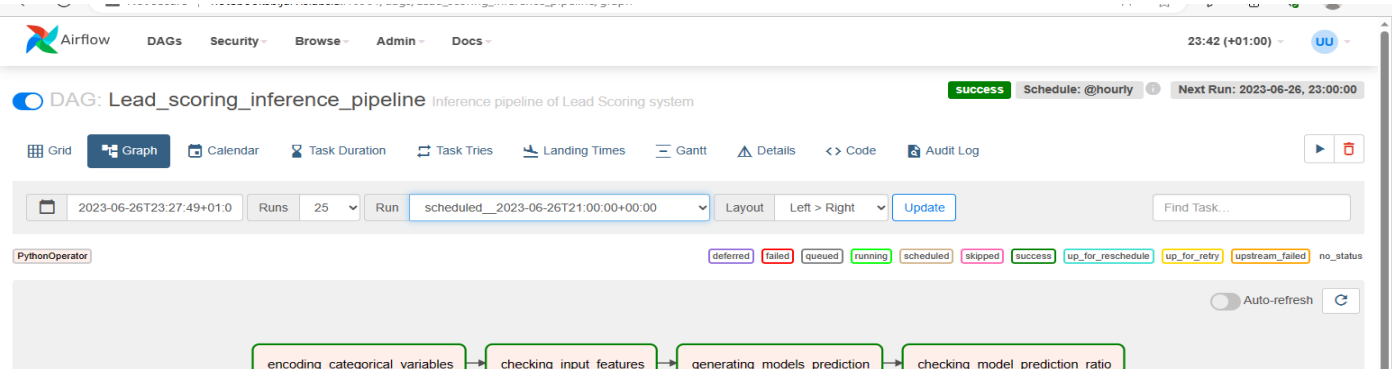
- Screenshot of Airflow UI grid



1. With leadscoring.csv
2. With leadscoring_inference.csv

- Screenshot of successful execution Airflow DAG in graph

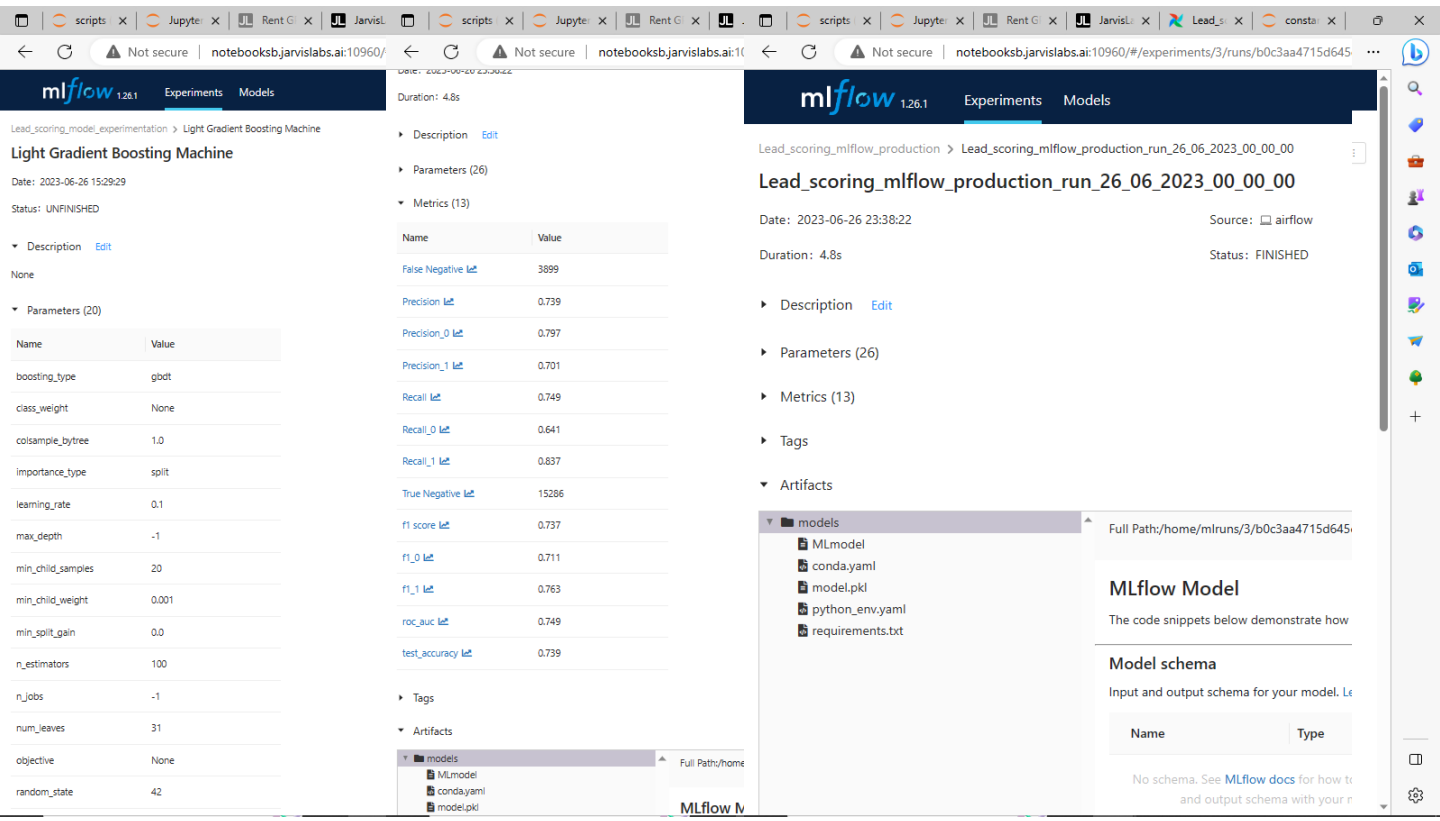


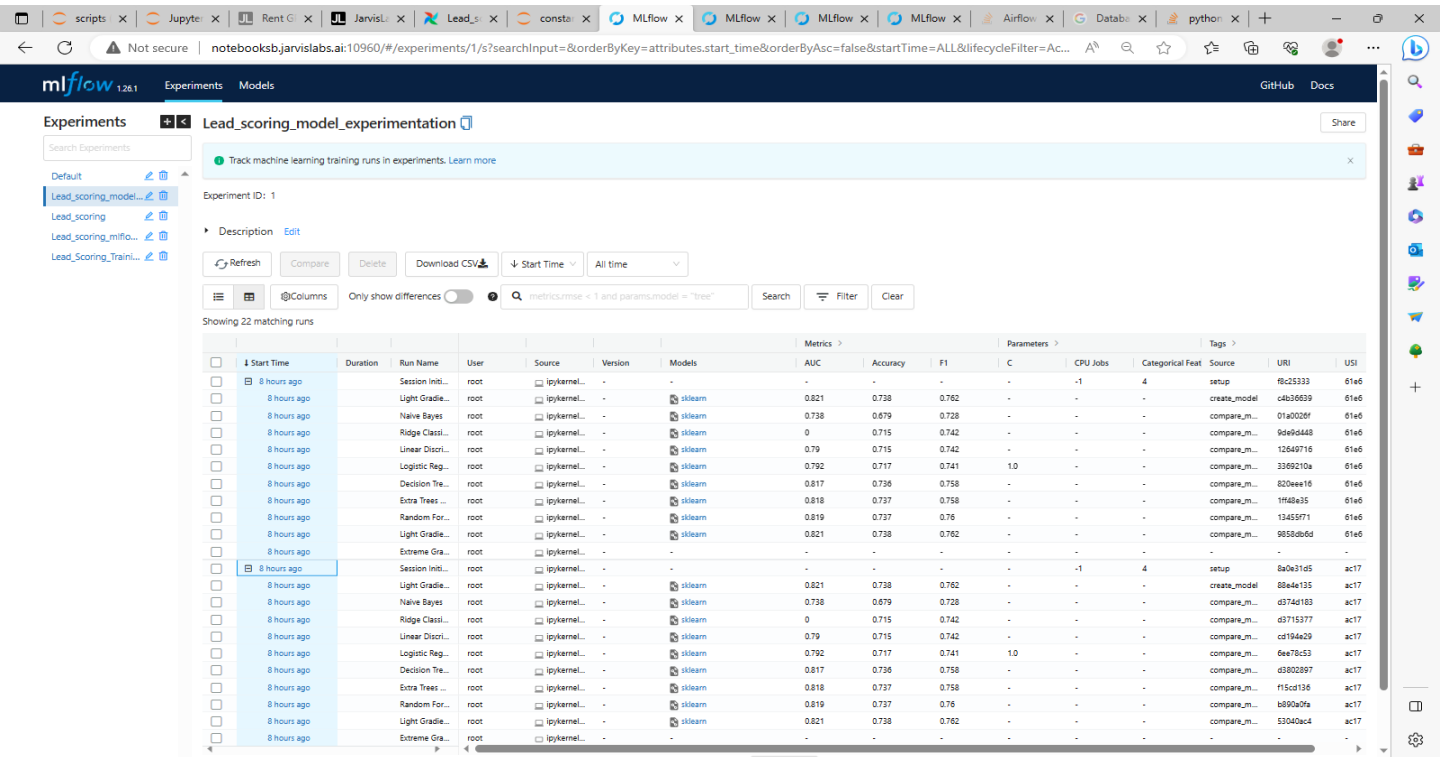


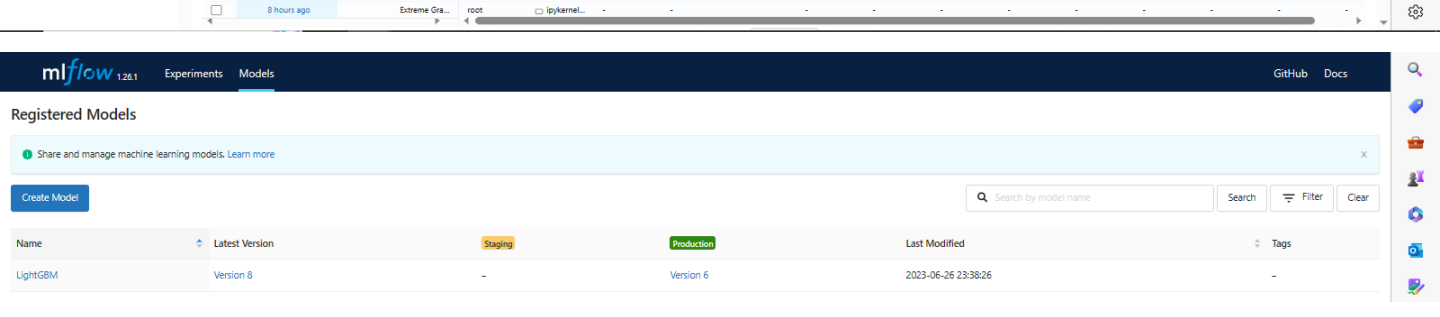
ML FLOW

ML FLOW – Random Screenchots

- Registry View

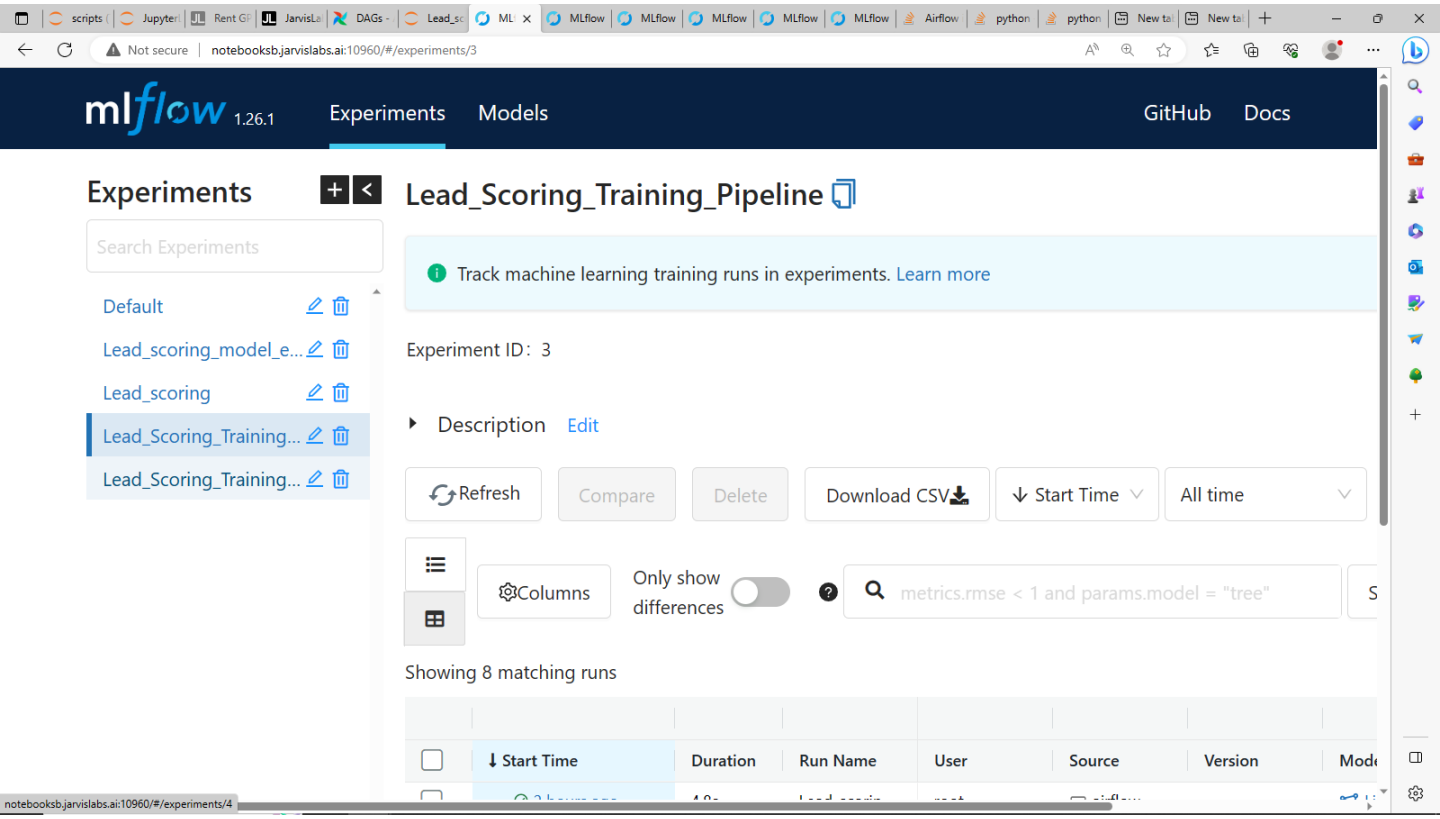




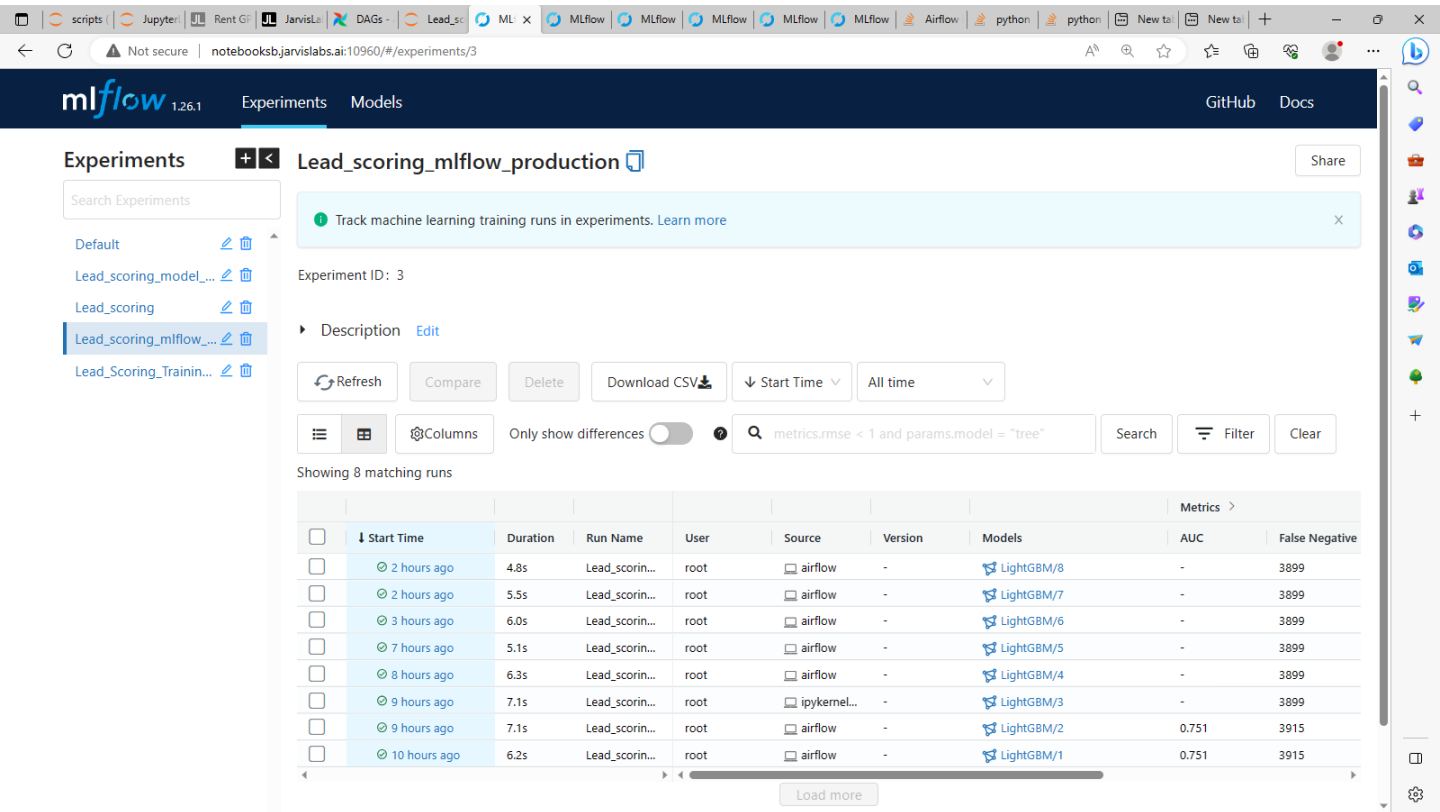


ML FLOW - Training Pipeline (Model Training

- Registry View

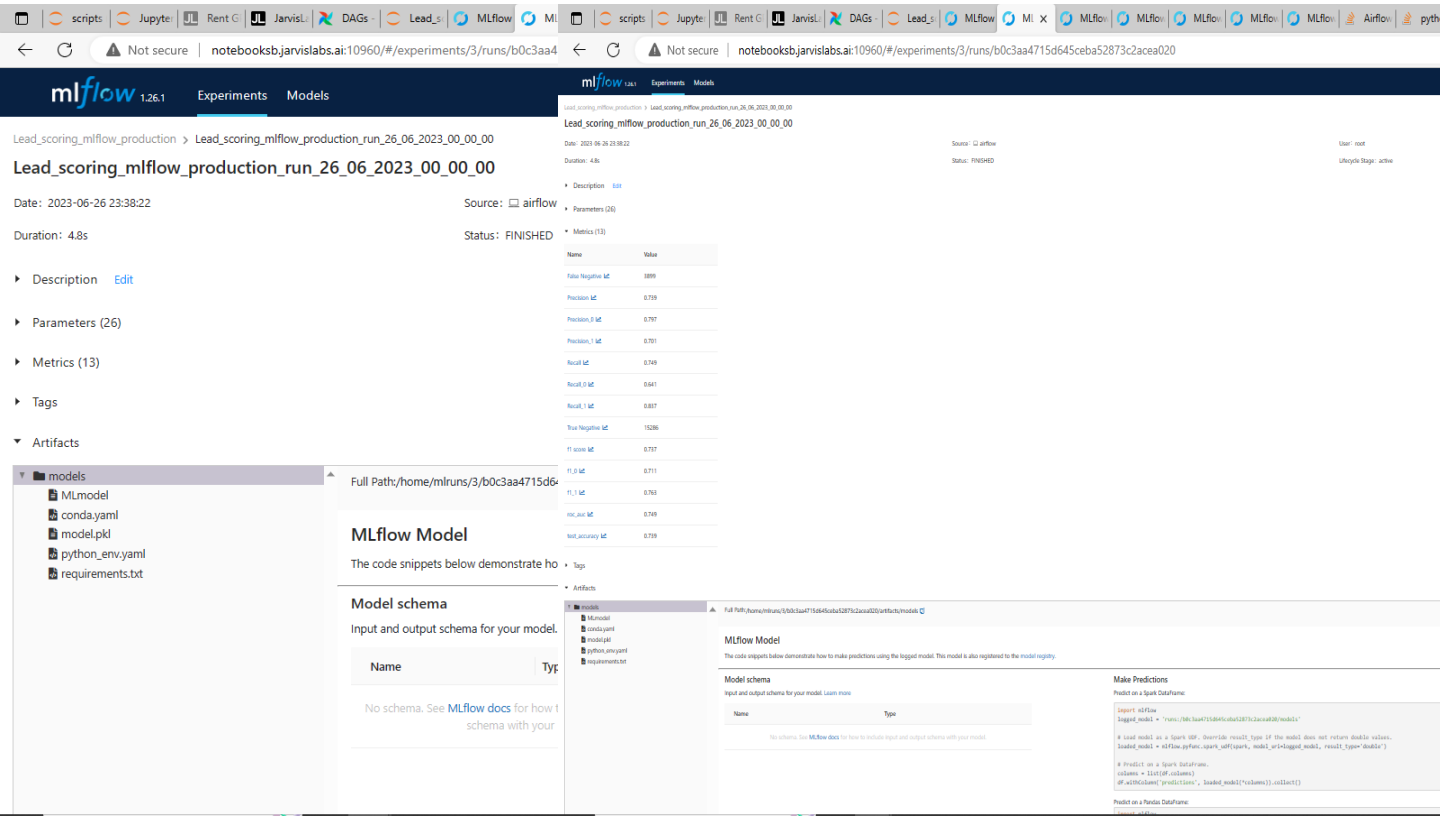


- Multiple Pipeline Runs

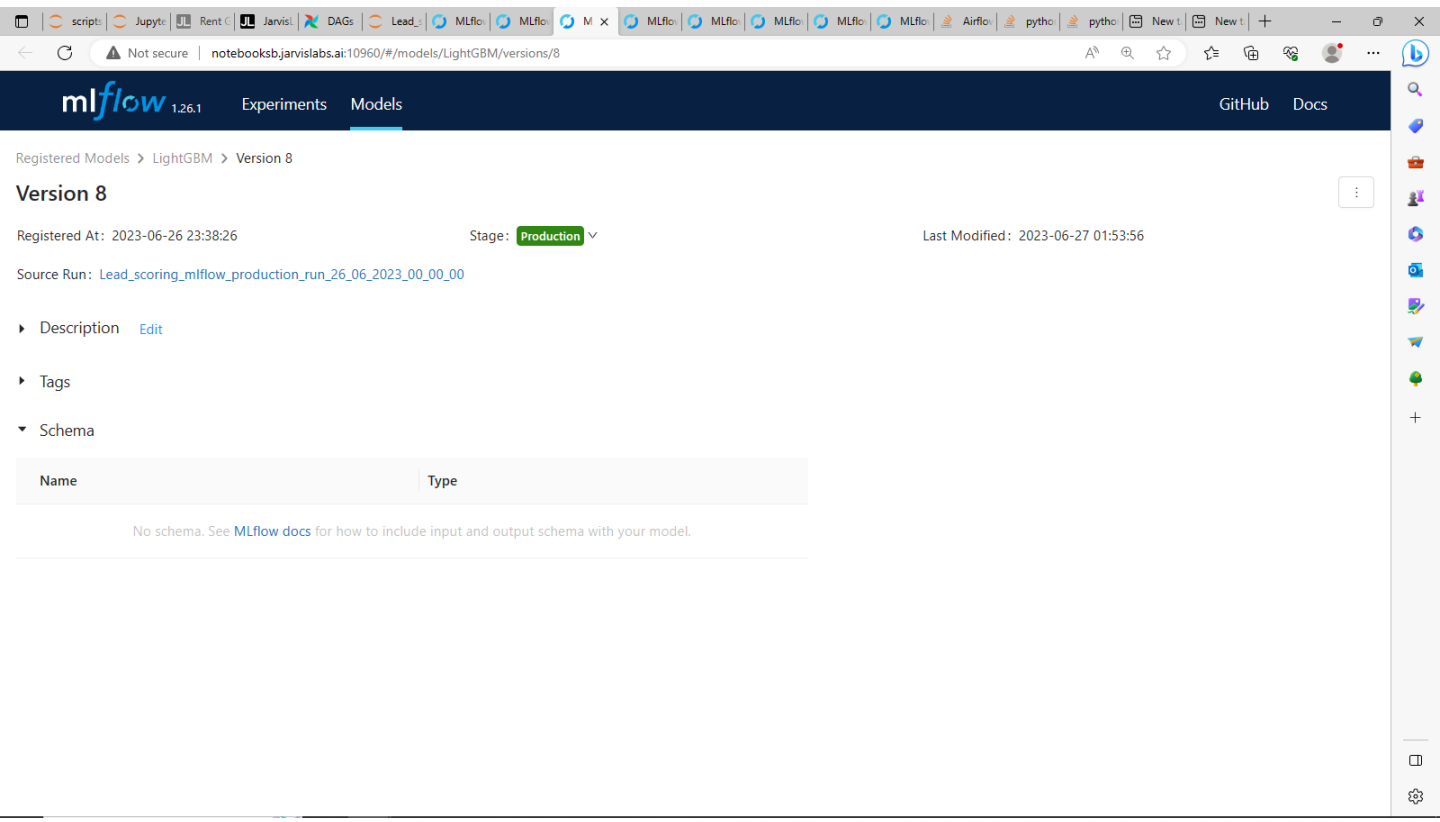


ML FLOW - Training Pipeline (Model Training

- Details of model at Production Stage
- Screenshot of experiments with all the artifacts visible

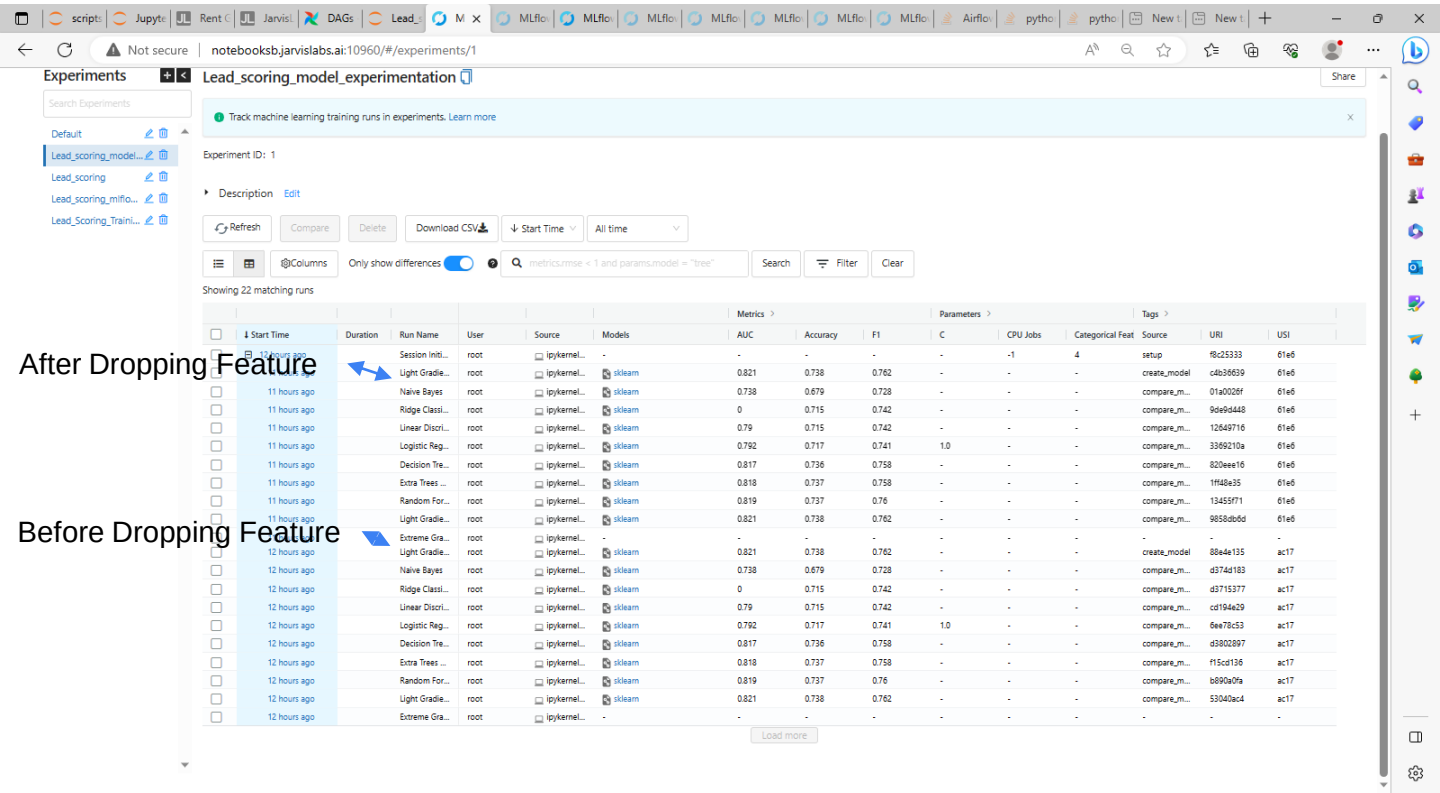


- Screenshot of model registry with model name and stage as 'production'



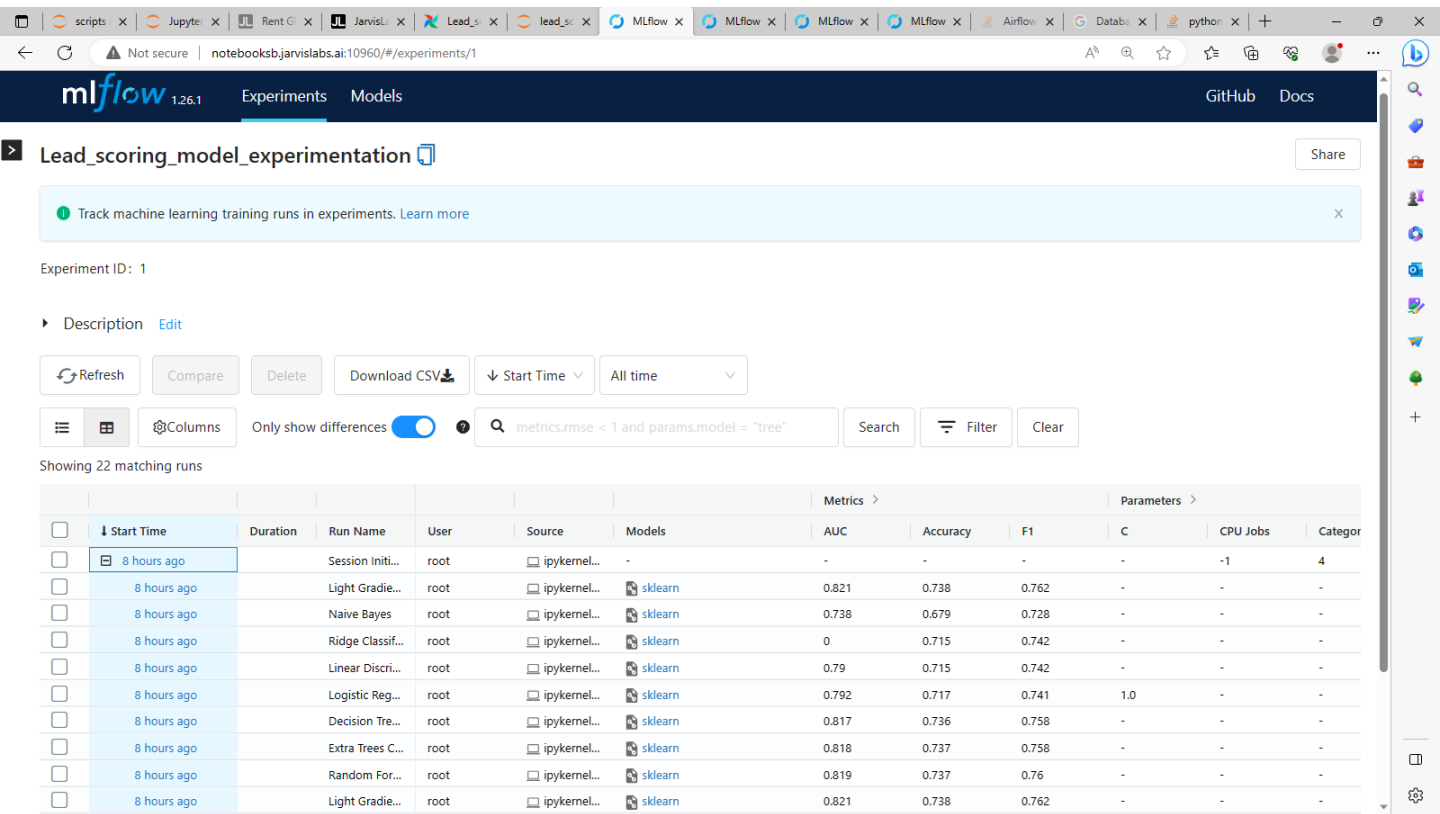
ML FLOW - Model Experimentation

- Screenshot of all the experiments at Model Experimentation



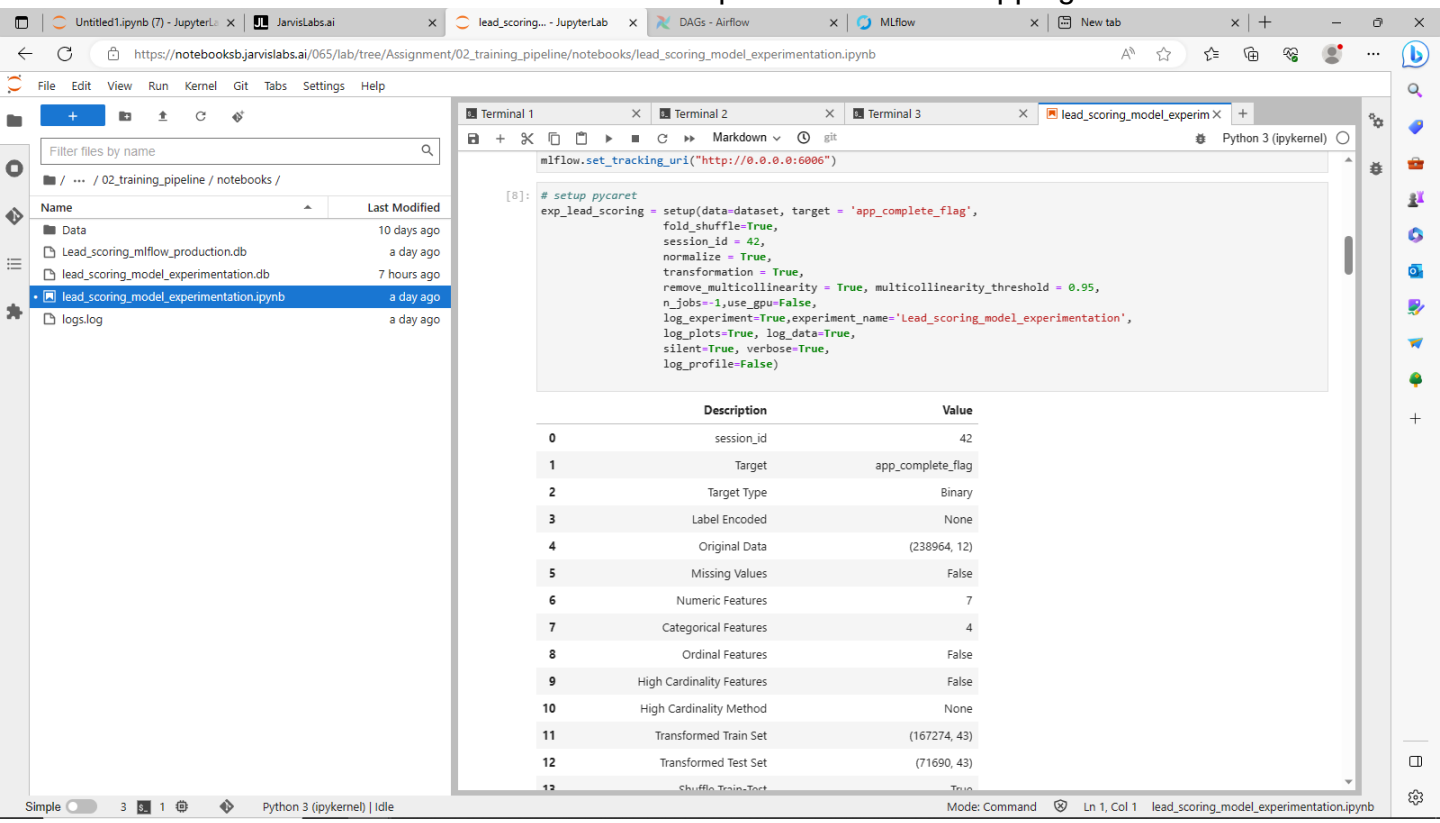
After Dropping Feature

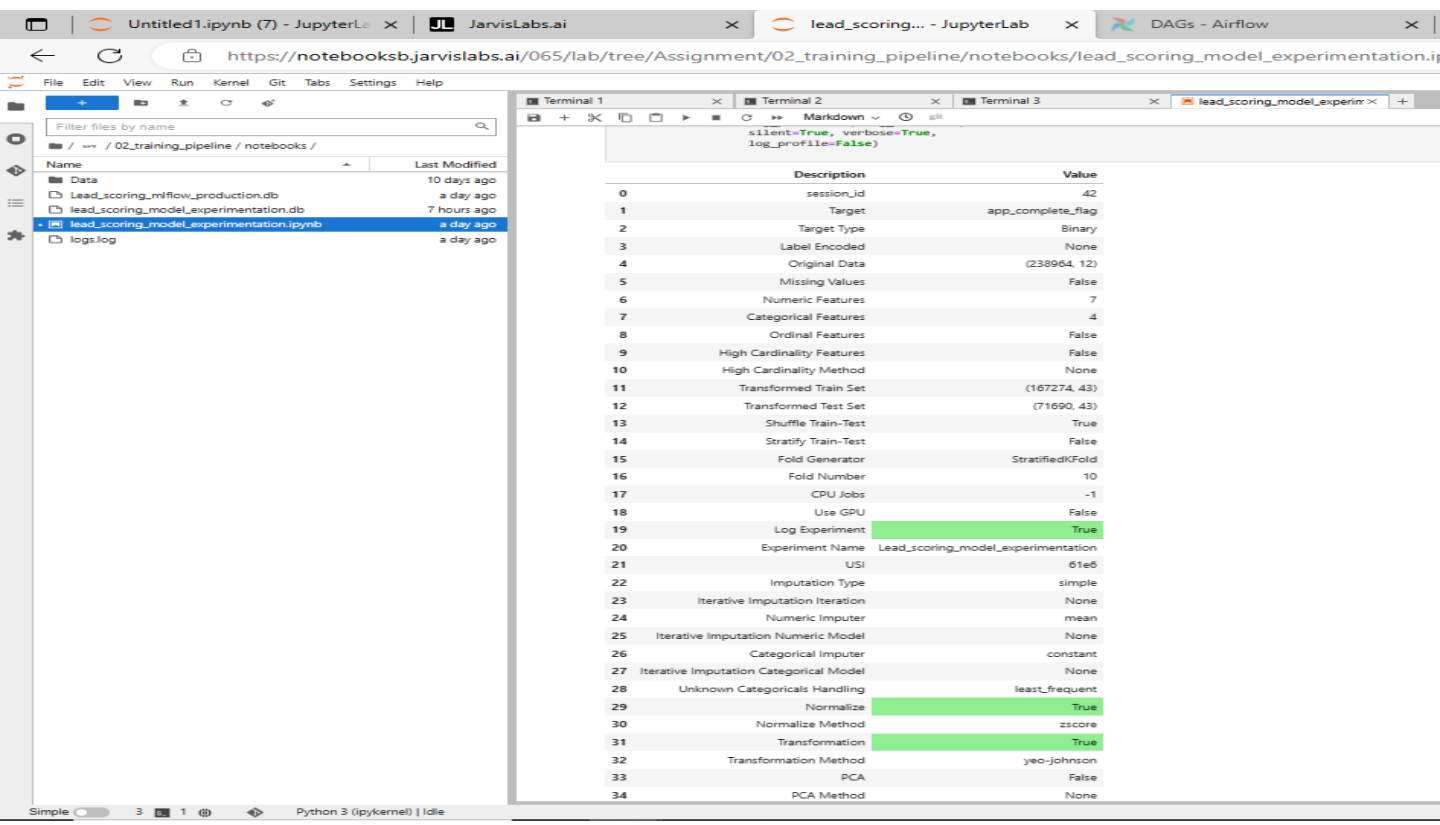
Before Dropping Feature



ML FLOW – Jupyter Lab

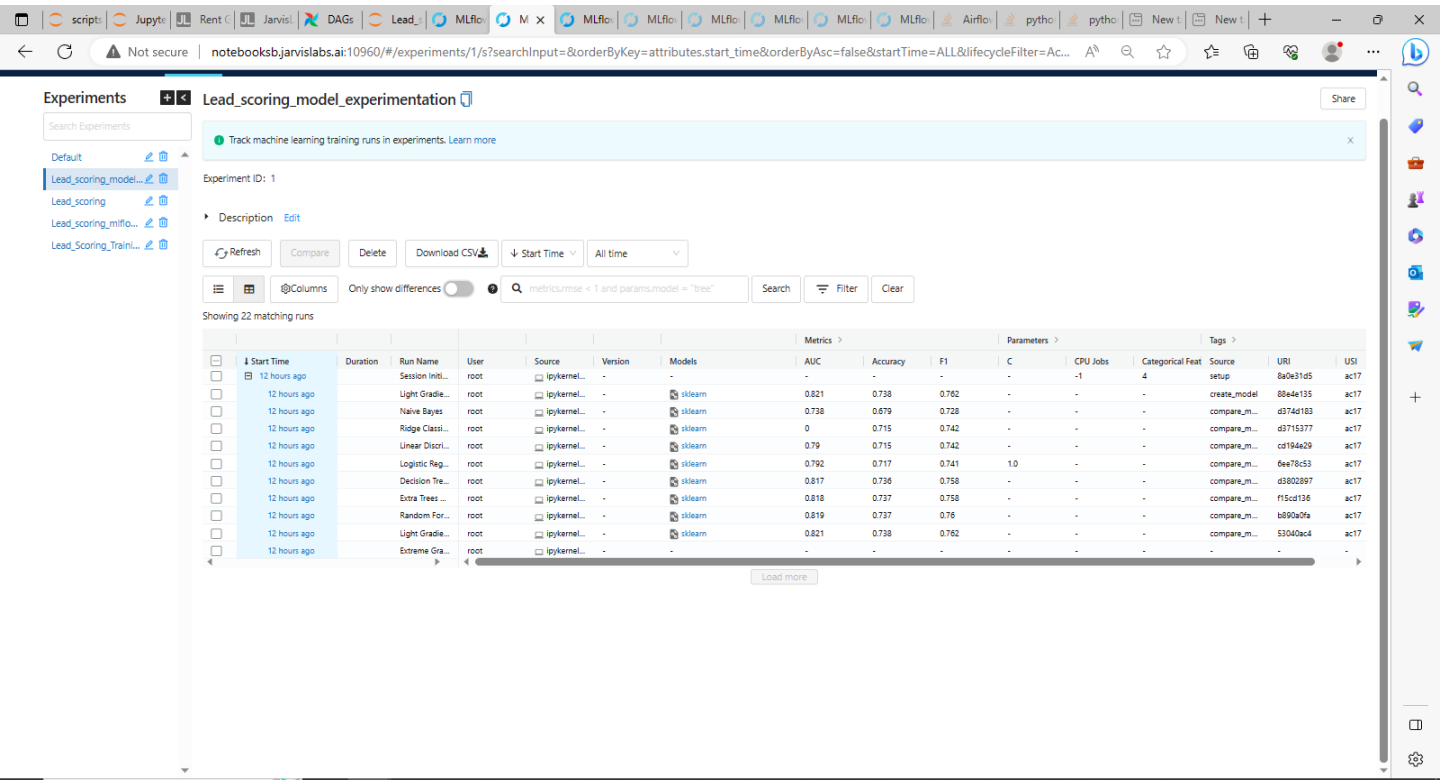
- Screenshot of the details of the model experiment before dropping Features



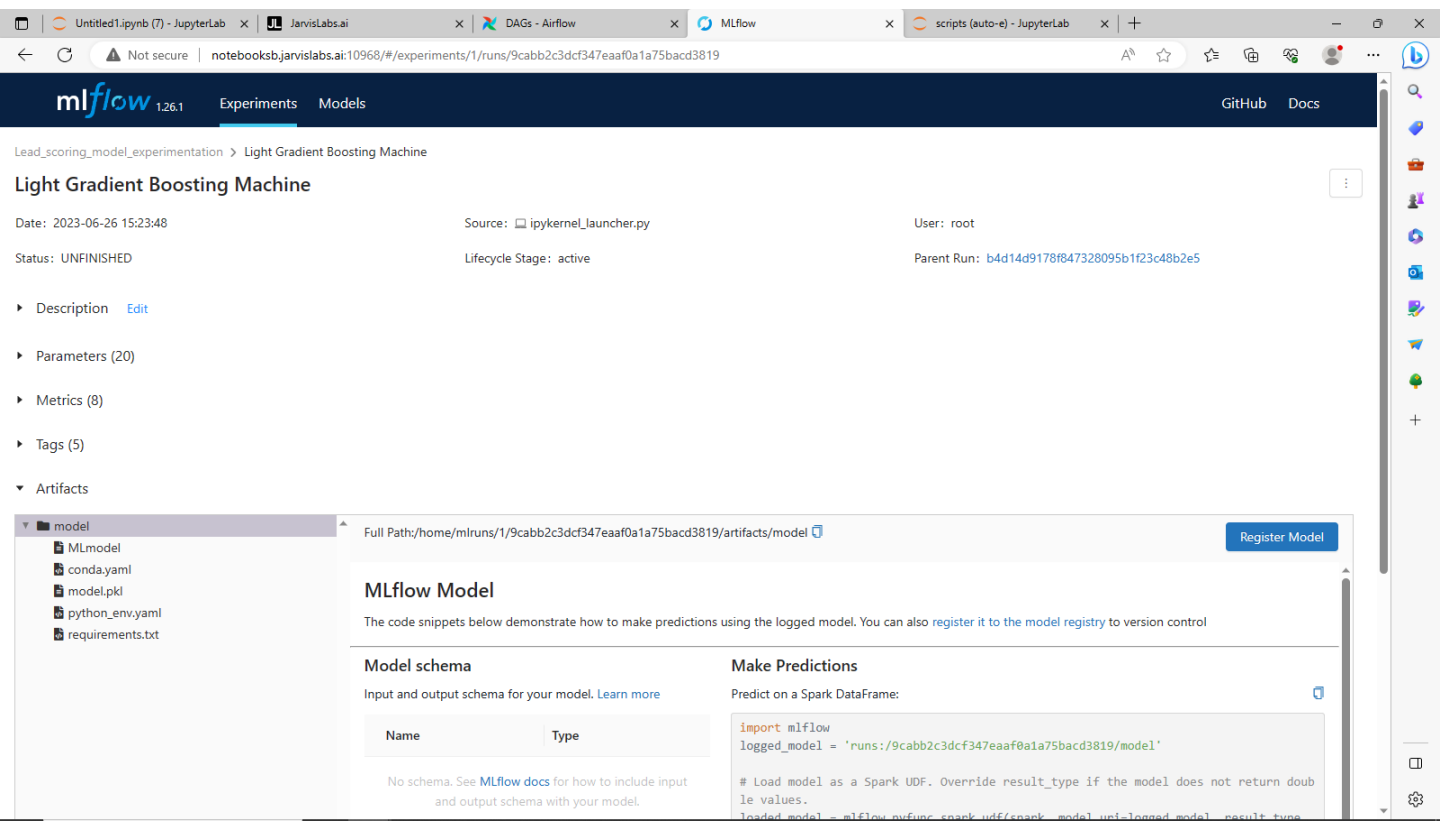


ML FLOW - Model Experimentation

- Screenshot of all the experiments before dropping Features

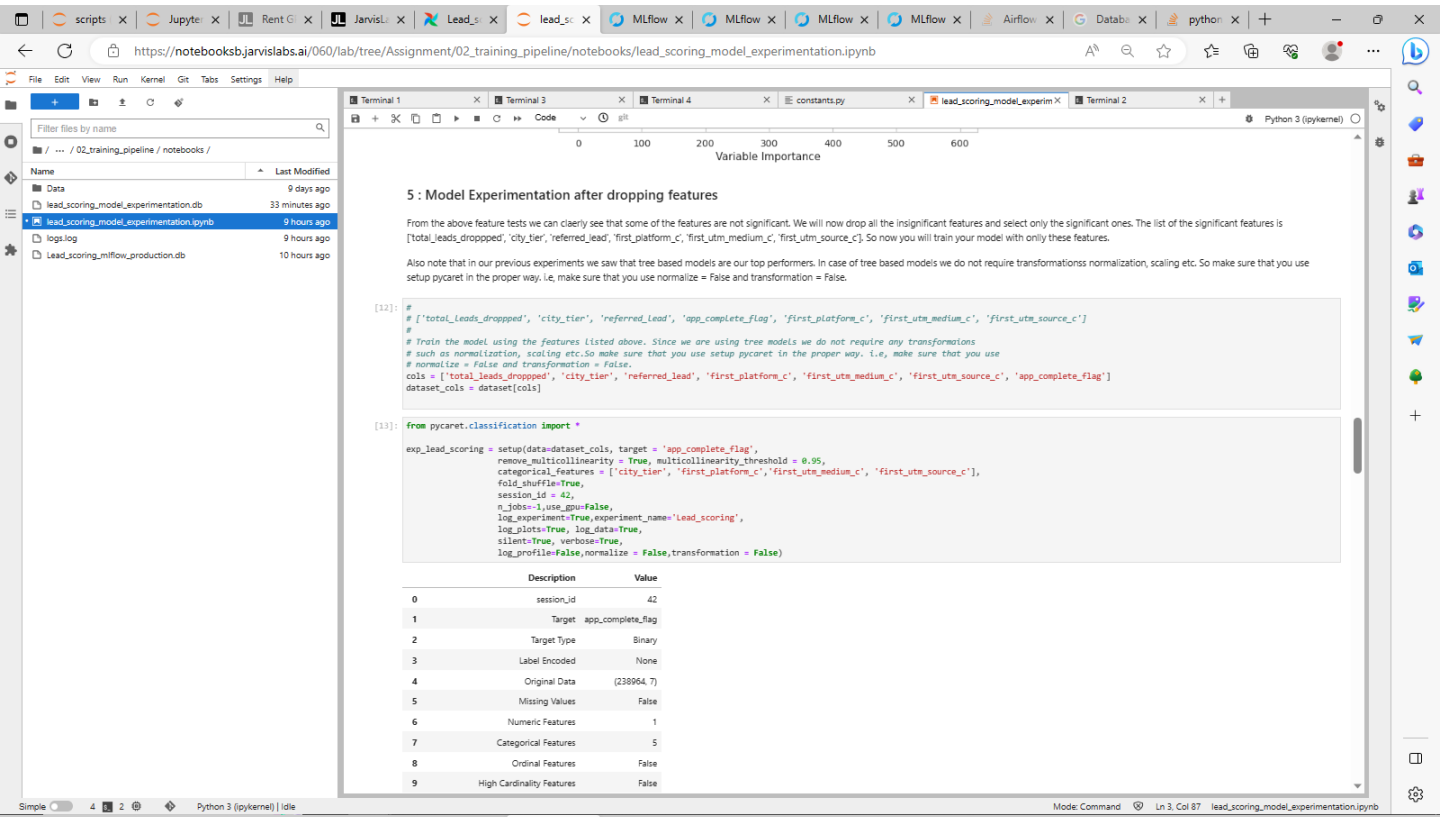


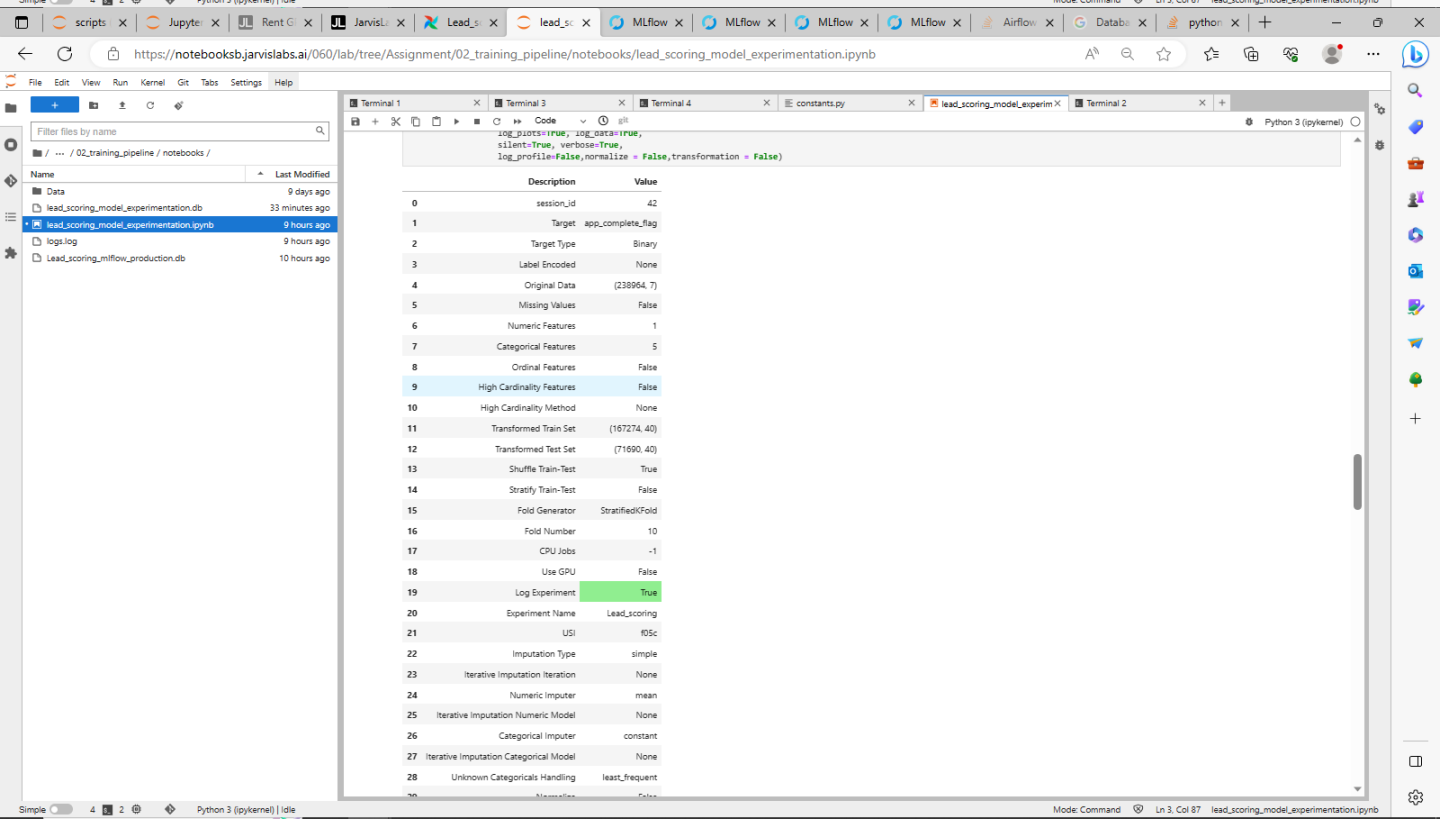
- Screenshot of one experiments with all the artifacts visible



ML FLOW – Jupyter Lab

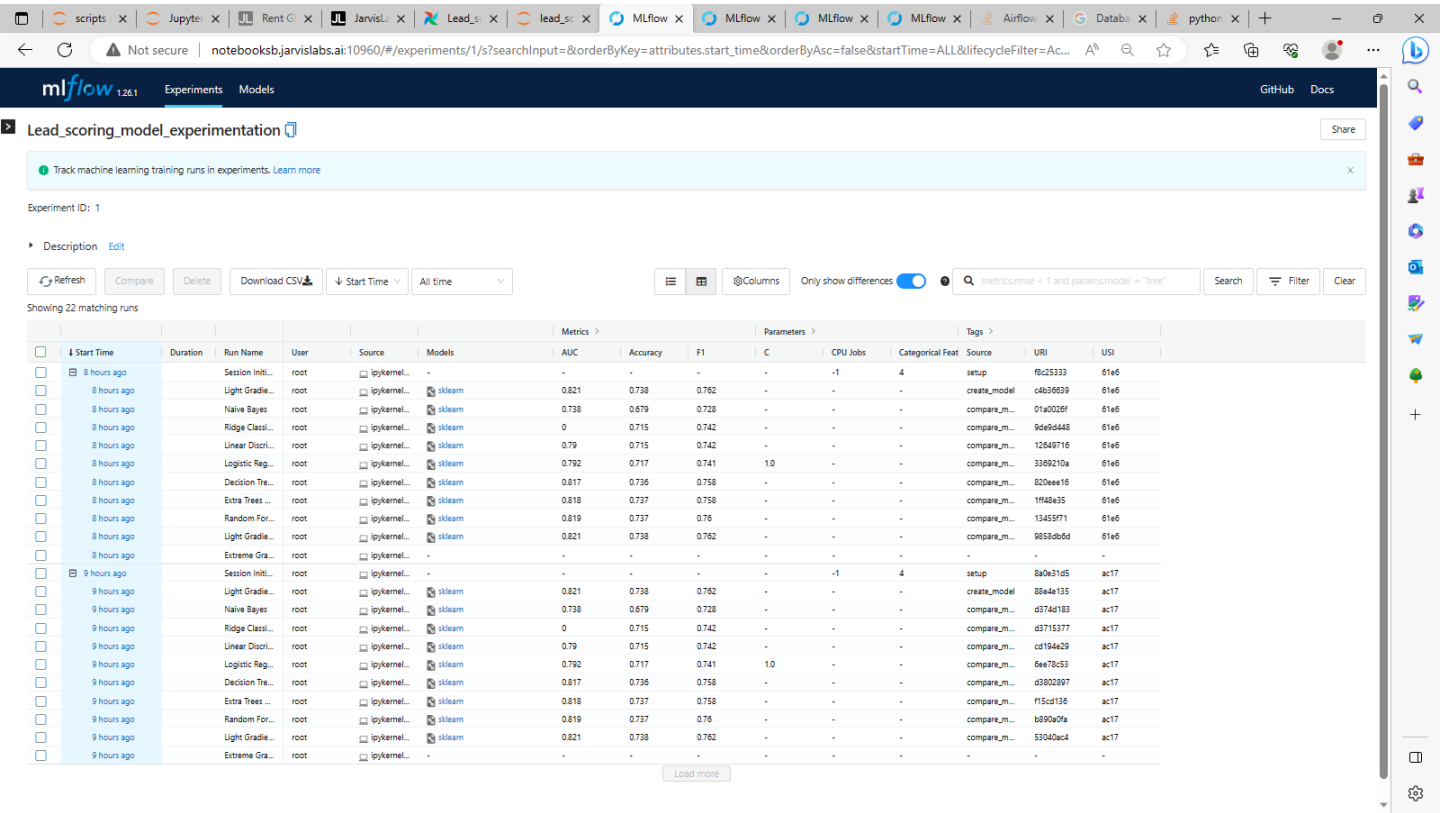
- Screenshot of the model Experimentation Notebook after dropping features





ML FLOW

- Screenshot of all the experiments after dropping features



- Screenshot of one experiments with all the artifacts visible