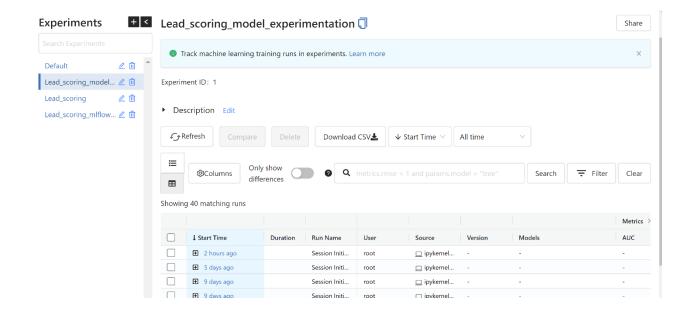
## **Model Experimentation Part**

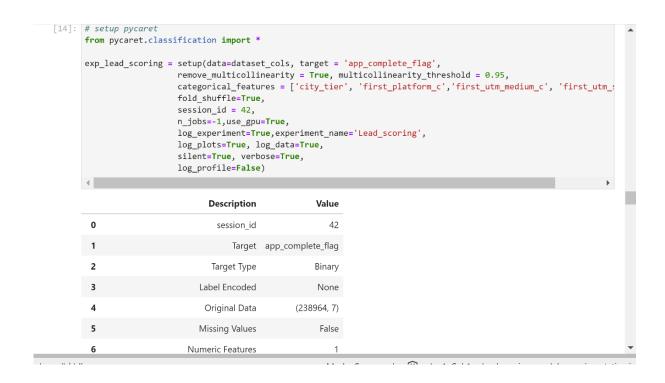
## Screenshot of ml flow during experimentation



## Experiment before features dropping

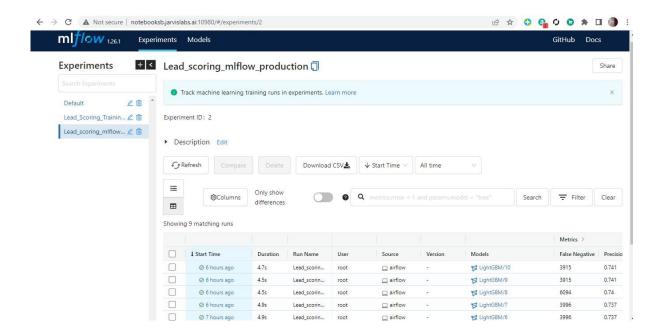


# Experiment setup after features dropping

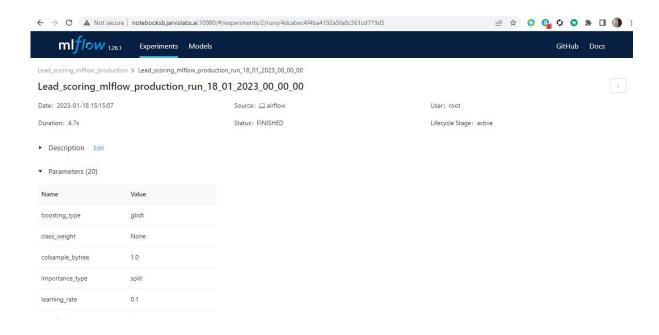


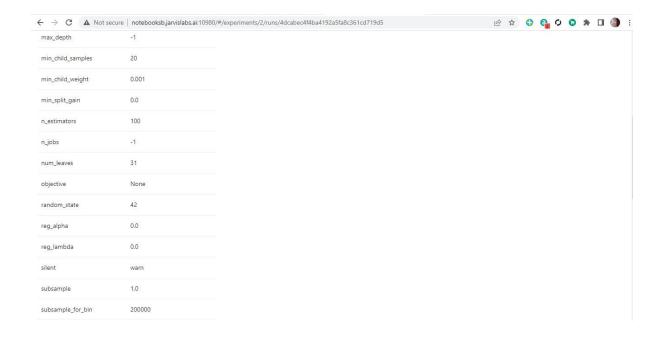
### **Model Training Part**

## After Running multiple times mlflow\_production



Below some screenshot show details of LightGBM/10 model from above mlflow production





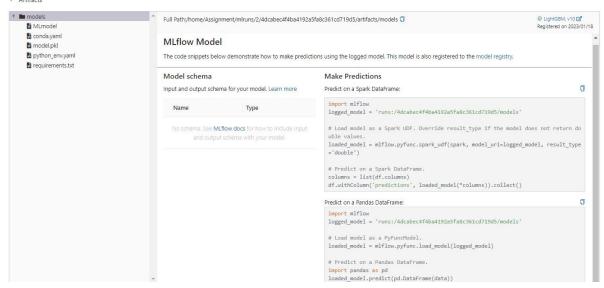
Q 🖻 🖈 🗘 🚱 🗘 🗅 🗯 🗖 🌗

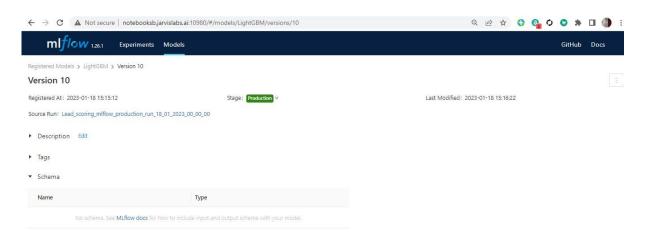
#### ▼ Metrics (13)

Name	Value
False Negative 🗠	3915
Precision 🗠	0.741
Precision_0 🗠	0.795
Precision_1 🗠	0.706
Recall 🗠	0.751
Recall_0 🗠	0.643
Recall_1 🗠	0.838
True Negative 🗠	15199
f1 score 🗠	0.739
f1_0 🗠	0.711
f1_1 🗠	0.766
roc_auc 🗠	0.751
test_accuracy 🗠	0.742

← → C 🛕 Not secure | notebooksb.jarvislabs.ai:10980/#/experiments/2/runs/4dcabec4f4ba4192a5fa8c361cd719d5

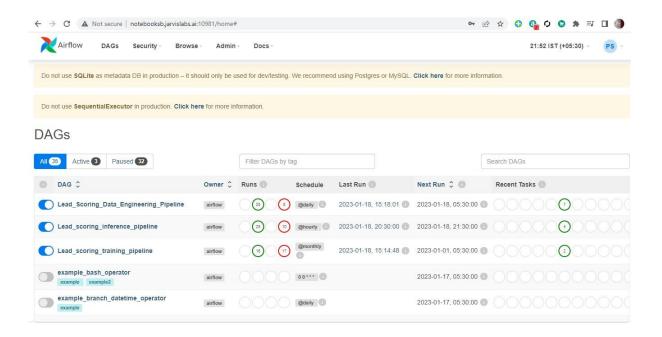
▼ Artifacts



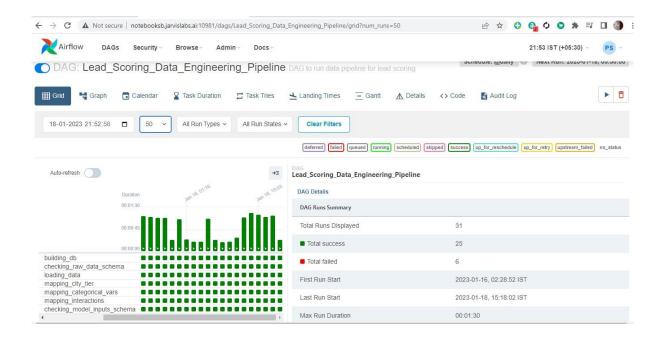


# **Airflow Part Screenshot**

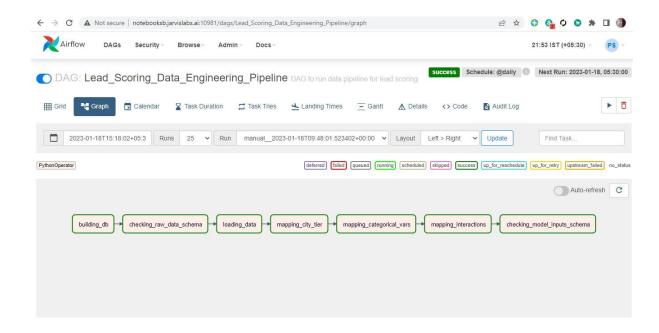
### Airflow Home page



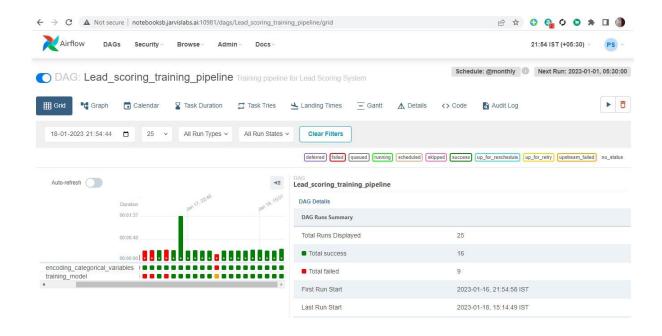
### Data Engineering pipeline Grid view



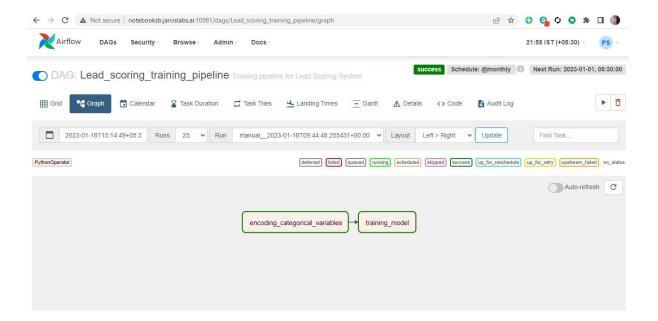
### Data Engineering pipeline Graph view



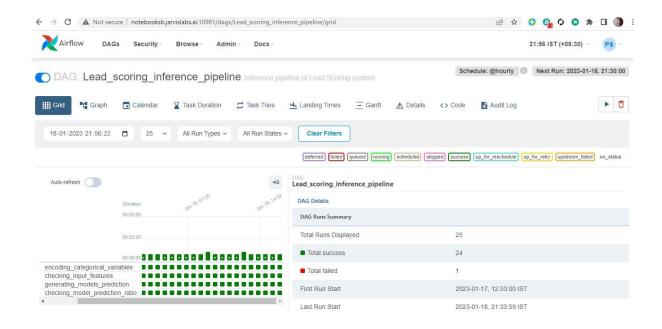
#### Model Training pipeline Grid view



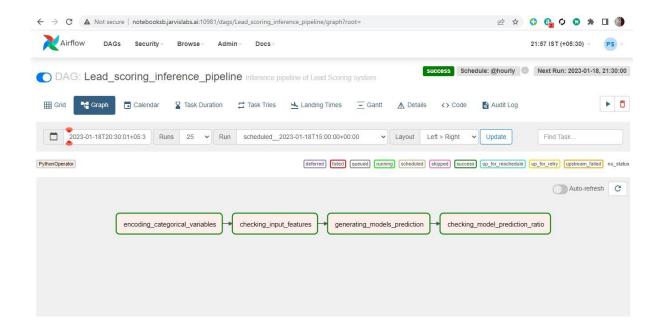
### Model Training pipeline Graph view



#### Inference pipeline Grid view

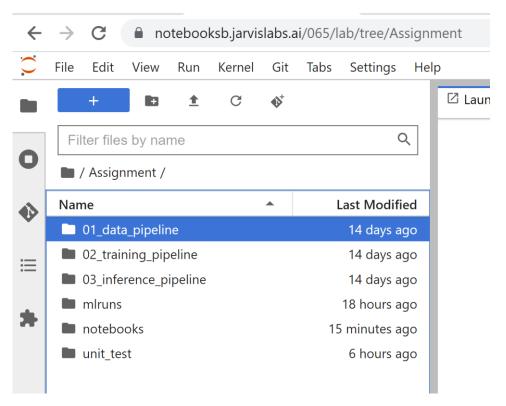


#### Inference pipeline Graph view

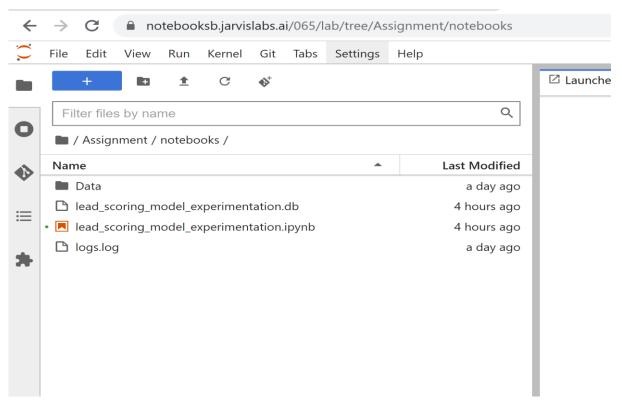


#### Jarvislab Notebook Location Screenshot

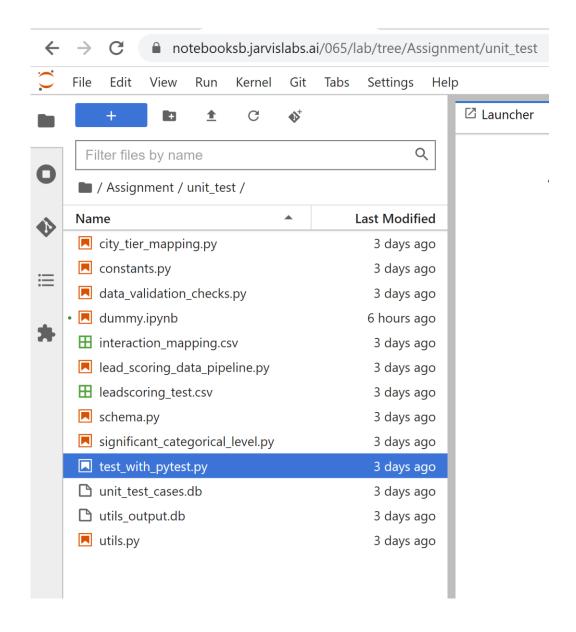
### Assignment directory



### Notebooks directory



### Unit\_test directory



### Airflow/dags directory

