

Airflow - DAGs x Untitled document - Google D... x New Tab x +

localhost:8080/admin/airflow/tree?dag_id=fraud_detection_pipeline

Airflow DAGs Data Profiling Browse Admin Docs About

On DAG: fraud_detection_pipeline Simple Fraud Detection Pipeline

Graph View Tree View Task Duration Task Tries Landing Times Gantt Details Code Trigger DAG Refresh Delete

Base date: 2025-08-26 20:10:11 Number of runs: 25 Go

PythonOperator

success running failed skipped upstream_failed up_to

[DAG] extract_data detect_fraud load_to_db

Mon 25 Tue 26

On DAG: fraud_detection_pipeline Simple Fraud Detection Pipeline

Graph View Tree View Task Duration Task Tries Landing Times

success Base date: 2025-08-26 20:10:12 Number of runs: 25 Run: manual

PythonOperator

extract_data → detect_fraud → load_to_db

On **DAG: fraud_detection_pipeline_ml_alert** ML-based Fraud Detection Pipeline with Alerts

Graph View

Tree View

Task Duration

Task Tries

Landing Times

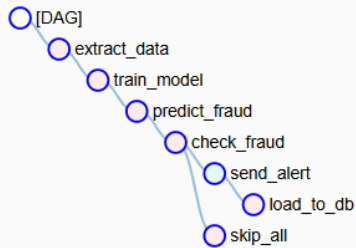
Gantt

Details

Base date: 2025-08-26 21:24:32

Number of runs: 25 Go

BranchPythonOperator EmailOperator PythonOperator



On **DAG: fraud_detection_pipeline_ml_alert** ML-based Fraud Detection Pipeline with Alerts

Graph View

Tree View

Task Duration

Task Tries

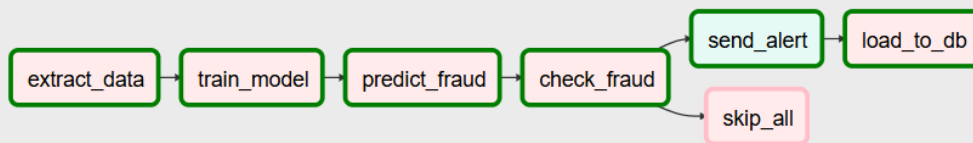
Landing Times

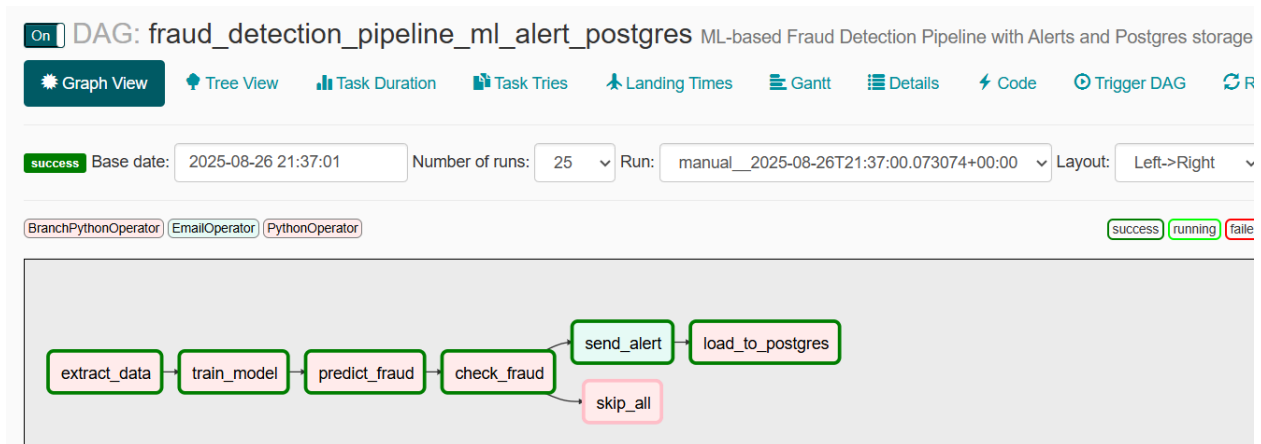
Gantt

Details

success Base date: 2025-08-26 21:24:33 Number of runs: 25 Run: manual__2025-08-26T21:24:32.066151

BranchPythonOperator EmailOperator PythonOperator





Airflow - DAGs

localhost:8080/admin/

Broken DAG: [usr/local/airflow/dags/alert_after_detect.py] No module named 'sklearn'

DAGs

Search:

	DAG	Schedule	Owner	Recent Tasks	Last Run	DAG Runs	Links
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> On fraud_detection_pipeline	@daily	airflow	3	2025-08-26 20:10	2	🔍 📊 📅 🔧 🔄 🔗 🔖
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> On fraud_detection_pipeline_ml	@daily	airflow	4	2025-08-26 20:33	2	🔍 📊 📅 🔧 🔄 🔗 🔖
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> On fraud_detection_pipeline_ml_alert	@daily	airflow	5	2025-08-26 21:24	3	🔍 📊 📅 🔧 🔄 🔗 🔖
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> On fraud_detection_pipeline_ml_alert_postgres	@daily	airflow	6	2025-08-26 21:37	2	🔍 📊 📅 🔧 🔄 🔗 🔖

Showing 1 to 4 of 4 entries

```
PS C:\Users\likki> docker exec -it docker-airflow-master-postgres-1 psql -U airflow -d airflow
psql (9.6.24)
Type "help" for help.
```

```
airflow=# \dt
               List of relations
 Schema |      Name      | Type  | Owner
-----|-----|-----|-----
 public | alembic_version | table | airflow
 public | chart           | table | airflow
 public | connection      | table | airflow
 public | dag             | table | airflow
 public | dag_pickle      | table | airflow
 public | dag_run         | table | airflow
 public | dag_tag         | table | airflow
 public | fraudulent_transactions | table | airflow
```

airflow=# SELECT * FROM fraudulent_transactions LIMIT 10;

id	time	v1	v2	v3	v4	v5
v11	v6	v7	v8	v9	v10	v16
v12	v17	v18	v13	v14	v15	v21
v22	v23	v24	v19	v20	v26	v2
7	amount	class	predicted_fraud	created_at		
1	347.0	-1.53127111807147	1.3996208603466498	-0.587061395411806	2.17500166489627	-2.13763692327444
	-0.501576167574257	-1.21521505630479	0.9568616411632168	-1.86656120022517	-2.31102388434087	2.7701
007915107594	-2.36104984988645	-0.529229058879108	-2.0033745751968604	0.6195972582606329	-2.48907339519	567
	-4.88759815712332	-1.06963618647159	1.3355399767170402	0.8058616624577859	0.557904080727571	0.
0852670659217011	0.403095847199174	0.454437543529058	0.202522071987229	-0.3131175253901889	0.52718201	77373939
	0.202574985967513	204.03	0.0	1.0	2025-08-26 21:43:00.799495	
2	406.0	-2.3122265423263	1.95199201064158	-1.6098507322976898	3.9979055875468	-0.522187864667764
	-1.4265453192059498	-2.5373873062457903	1.39165724829804	-2.77008927719433	-2.7722721446591496	3.2020
3320709635	-2.89990738849473	-0.595221881324605	-4.28925378244217	0.3897241202744871	-1.14074717980	657
	-2.83005567450437	-0.0168224681808257	0.4169557050379071	0.126910559061474	0.517232370861764	-0.
.0350493686052974	-0.465211076182388	0.320198198514526	0.0445191674731724	0.177839798284401	0.26114500	256767703
	-0.143275874698919	0.0	1.0	1.0	2025-08-26 21:43:00.799495	
3	472.0	-3.0435406239976	-3.15730712090228	1.08846277997285	2.2886436183814	1.35980512966107