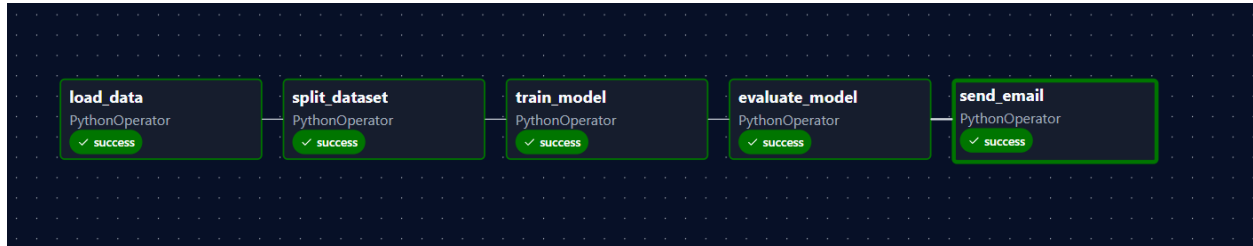
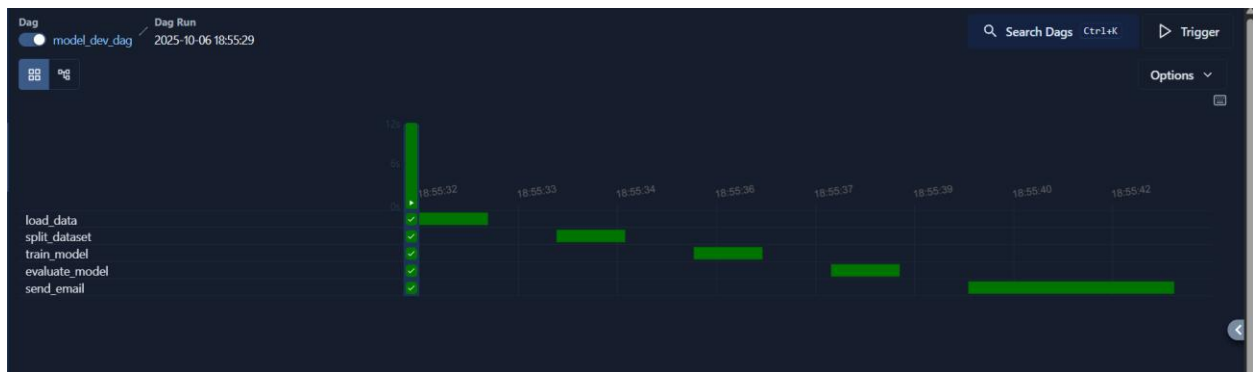


Airflow Lab 1

Task flow



Gantt Chart



Task 1 – Load Data

load_data 2025-10-06 18:55:32 ✓ Success [Add a note](#) [Clear Task Instance](#) [Mark Task Instance as...](#)


Operator	Start Date	End Date	Duration	Dag Version
PythonOperator	2025-10-06 18:55:32	2025-10-06 18:55:33	1.42s	v3


Logs Rendered Templates XCom Asset Events Audit Log Code Details


All Log Levels All Sources Log Settings


```
Log message source details sources=["/opt/airflow/logs/dag_id=model_dev_dag/run_id>manual__2025-10-06T22:55:31.450411+00:00/task_id=lo.
2 [2025-10-06 18:55:32] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=
3 [2025-10-06 18:55:32] INFO - Filling up the DagBag from /opt/airflow/dags/model_dev/model_dev_dag.py source=airflow.models.dagbag
4 [2025-10-06 18:55:33] WARNING - The `airflow.operators.python.PythonOperator` attribute is deprecated. Please use `airflow.provi
5 [2025-10-06 18:55:33] INFO - Raw data saved. source=task.stdout
6 [2025-10-06 18:55:33] INFO - Done. Returned value was: None source=airflow.task.operators.airflow.providers.standard.operators.py
```

Tak 2 – Split Dataset

 **split_dataset** 2025-10-06 18:55:34 ✓ Success

 Add a note

 Clear Task Instance

Mark Task Instance as... 

Operator	Start Date	End Date	Duration	Dag Version
PythonOperator	2025-10-06 18:55:34	2025-10-06 18:55:35	1.31s	v3

Logs

Rendered Templates


XCom


Asset Events



Audit Log

Code

Details

All Log Levels 

All Sources 

 Log Settings 

▶ Log message source details sources=["/opt/airflow/logs/dag_id=model_dev_dag/run_id>manual__2025-10-06T22:55:31.450411+00:00/task_id=sp

2 [2025-10-06 18:55:34] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=


3 [2025-10-06 18:55:34] INFO - Filling up the DagBag from /opt/airflow/dags/model_dev/model_dev_dag.py source=airflow.models.dagbag


4 [2025-10-06 18:55:35] WARNING - The `airflow.operators.python.PythonOperator` attribute is deprecated. Please use `airflow.provi


5 [2025-10-06 18:55:35] INFO - Data split completed. source=task.stdout


6 [2025-10-06 18:55:35] INFO - Done. Returned value was: None source=airflow.task.operators.airflow.providers.standard.operators.py

Task 3 – Train Model

 **train_model** 2025-10-06 18:55:36 ✓ Success

 Add a note

 Clear Task Instance

Mark Task Instance as... 

Operator	Start Date	End Date	Duration	Dag Version
PythonOperator	2025-10-06 18:55:36	2025-10-06 18:55:37	1.38s	v3

Logs

Rendered Templates


XCom


Asset Events



Audit Log

Code

Details

All Log Levels 

All Sources 

 Log Settings 

▶ Log message source details sources=["/opt/airflow/logs/dag_id=model_dev_dag/run_id>manual__2025-10-06T22:55:31.450411+00:00/task_id=tr

2 [2025-10-06 18:55:36] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=

3 [2025-10-06 18:55:36] INFO - Filling up the DagBag from /opt/airflow/dags/model_dev/model_dev_dag.py source=airflow.models.dagbag

4 [2025-10-06 18:55:37] WARNING - The `airflow.operators.python.PythonOperator` attribute is deprecated. Please use `airflow.provi


5 [2025-10-06 18:55:37] WARNING - A column-vector y was passed when a 1d array was expected. Please change the shape of y to (n_sam


6 [2025-10-06 18:55:37] INFO - Model trained. source=task.stdout


7 [2025-10-06 18:55:37] INFO - Model saved at /opt/airflow/dags/models/random_forest_model.pkl source=task.stdout


8 [2025-10-06 18:55:37] INFO - Done. Returned value was: None source=airflow.task.operators.airflow.providers.standard.operators.py

Task 4 – Evaluate Model

 evaluate_model 2025-10-06 18:55:38 ✓ Success

 Add a note

 Clear Task Instance

Mark Task Instance as... 

Operator	Start Date	End Date	Duration	Dag Version
PythonOperator	2025-10-06 18:55:38	2025-10-06 18:55:39	1.39s	v3

Logs

Rendered Templates


XCom


Asset Events



Audit Log

Code

Details

All Log Levels 

All Sources 

 Log Settings 

► Log message source details sources=["/opt/airflow/logs/dag_id=model_dev_dag/run_id=manual__2025-10-06T22:55:31.450411+00:00/task_id=ev-

2 [2025-10-06 18:55:38] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=

3 [2025-10-06 18:55:38] INFO - Filling up the DagBag from /opt/airflow/dags/model_dev/model_dev_dag.py source=airflow.models.dagbag

4 [2025-10-06 18:55:39] WARNING - The `airflow.operators.python.PythonOperator` attribute is deprecated. Please use `airflow.provi

5 [2025-10-06 18:55:39] INFO - Evaluation report: source=task.stdout

6 [2025-10-06 18:55:39] INFO - precision recall f1-score support source=task.stdout

7 [2025-10-06 18:55:39] INFO - source=task.stdout

8 [2025-10-06 18:55:39] INFO - 0 1.00 1.00 1.00 10 source=task.stdout

9 [2025-10-06 18:55:39] INFO - 1 1.00 1.00 1.00 9 source=task.stdout

10 [2025-10-06 18:55:39] INFO - 2 1.00 1.00 1.00 11 source=task.stdout

11 [2025-10-06 18:55:39] INFO - source=task.stdout

12 [2025-10-06 18:55:39] INFO - accuracy 1.00 30 source=task.stdout


13 [2025-10-06 18:55:39] INFO - macro avg 1.00 1.00 1.00 30 source=task.stdout


14 [2025-10-06 18:55:39] INFO - weighted avg 1.00 1.00 1.00 30 source=task.stdout


15 [2025-10-06 18:55:39] INFO - source=task.stdout


16 [2025-10-06 18:55:39] INFO - Done. Returned value was: None source=airflow.task.operators.airflow.providers.standard.operators.py

Task 5 – Send Email of Evaluation Report.

 send_email 2025-10-06 18:55:40 ✓ Success

 Add a note

 Clear Task Instance

Mark Task Instance as... 

Operator	Start Date	End Date	Duration	Dag Version
PythonOperator	2025-10-06 18:55:40	2025-10-06 18:55:43	2.91s	v3

Logs

Rendered Templates


XCom


Asset Events



Audit Log

Code

Details

All Log Levels 

All Sources 

 Log Settings 

► Log message source details sources=["/opt/airflow/logs/dag_id=model_dev_dag/run_id=manual__2025-10-06T22:55:31.450411+00:00/task_id=sei

2 [2025-10-06 18:55:40] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=

3 [2025-10-06 18:55:40] INFO - Filling up the DagBag from /opt/airflow/dags/model_dev/model_dev_dag.py source=airflow.models.dagbag

4 [2025-10-06 18:55:42] WARNING - The `airflow.operators.python.PythonOperator` attribute is deprecated. Please use `airflow.provi

5 [2025-10-06 18:55:43] INFO - Email sent successfully! source=task.stdout

6 [2025-10-06 18:55:43] INFO - Done. Returned value was: None source=airflow.task.operators.airflow.providers.standard.operators.py

Email of Evaluation Report.

Model Evaluation Report

✕ 🖨️ 📧

◆ Summarize this email



jayjajoo02@gmail.com
to jayjajoo02

6:53 PM (38 minutes ago) ☆ 😊 ↩️ ⋮

	precision	recall	f1-score	support
0	1.00	1.00	1.00	10
1	1.00	1.00	1.00	9
2	1.00	1.00	1.00	11
accuracy				1.00 30
macro avg	1.00	1.00	1.00	30
weighted avg	1.00	1.00	1.00	30