Extract test. (Success)

```
art_date=, end_date=20260114T035541
airflow@32e2a09a7f5d:/opt/airflow$ airflow tasks test data_validation_dag extract_task 2025-10-22
/home/airflow/.local/lib/python3.11/site-packages/airflow/metrics/statsd_logger.py:184 RemovedInAirflow3Warning: The basic metric validator will be deprecated in the future in favor of pattern-matching.  You can
try this now by setting config option metrics_use_pattern_match to True.
[2026-01-14T03:59:13.566+0000] {dagbag.py:588} INFO - Filling up the DagBag from /opt/***/dags
[2026-01-14T03:59:14.059+0000] {dagbag.py:557} ERROR - Exception bagging dag: data_validation_dag
Traceback (most recent call last):
  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag
    raise AirflowDagDuplicatedIdException(
airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py
[2026-01-14T03:59:14.060+0000] {dagbag.py:484} ERROR - Failed to bag_dag: /opt/***/dags/tests/test_dag_testing_assignment.py
Traceback (most recent call last):
  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 480, in _process_modules
    self.bag_dag(dag=dag, root_dag=dag)
  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 499, in bag_dag
    self._bag_dag(dag=dag, root_dag=root_dag, recursive=True)
  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag
    raise AirflowDagDuplicatedIdException(
airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py
[2026-01-14T03:59:14.141+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=non-requeueable deps ti=<TaskInstance: data_validation_dag.extract_task manual__2025-10-22T00:00:00+07:00 [success]>
[2026-01-14T03:59:14.146+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=requeueable deps ti=<TaskInstance: data_validation_dag.extract_task manual__2025-10-22T00:00:00+07:00 [success]>
[2026-01-14T03:59:14.146+0000] {taskinstance.py:2867} INFO - Starting attempt 1 of 3
[2026-01-14T03:59:14.155+0000] {taskinstance.py:2890} INFO - Executing <Task(PythonOperator): extract_task> on 2025-10-21 17:00:00+00:00
[2026-01-14T03:59:14.426+0000] {taskinstance.py:3134} INFO - Exporting env vars: AIRFLOW_CTX_DAG_OWNER='data-engineering-team' AIRFLOW_CTX_DAG_ID='data_validation_dag' AIRFLOW_CTX_TASK_ID='extract_task' AIRFLOW_
CTX_EXECUTION_DATE='2025-10-21T17:00:00+00:00' AIRFLOW_CTX_TRY_NUMBER='1' AIRFLOW_CTX_DAG_RUN_ID='manual__2025-10-22T00:00:00+07:00'
[2026-01-14T03:59:14.428+0000] {taskinstance.py:732} INFO - ::endgroup::
[2026-01-14T03:59:14.429+0000] {dag_testing_assignment.py:24} INFO - Extracted data: [{'name': 'apple', 'price': 1000}, {'name': 'banana', 'price': 500}]
[2026-01-14T03:59:14.436+0000] {python.py:240} INFO - Done. Returned value was: None
[2026-01-14T03:59:14.437+0000] {taskinstance.py:341} INFO - ::group::Post task execution logs
[2026-01-14T03:59:14.437+0000] {taskinstance.py:353} INFO - Marking task as SUCCESS. dag_id=data_validation_dag, task_id=extract_task, run_id=manual__2025-10-22T00:00:00+07:00, execution_date=20251021T170000, st
art_date=, end_date=20260114T035914
```

airflow@32e2a09a7f5d:/opt/airflow$ airflow tasks test data_validation_dag extract_task 2025-10-22

/home/airflow/.local/lib/python3.11/site-packages/airflow/metrics/statsd_logger.py:184 RemovedInAirflow3Warning: The basic metric validator will be deprecated in the future in favor of pattern-matching. You can try this now by setting config option metrics_use_pattern_match to True.

[2026-01-14T03:59:13.566+0000] {dagbag.py:588} INFO - Filling up the DagBag from /opt/***/dags

[2026-01-14T03:59:14.059+0000] {dagbag.py:557} ERROR - Exception bagging dag: data_validation_dag

Traceback (most recent call last):

 File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag

   raise AirflowDagDuplicatedIdException(

airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py

[2026-01-14T03:59:14.060+0000] {dagbag.py:484} ERROR - Failed to bag_dag: /opt/***/dags/tests/test_dag_testing_assignment.py

Traceback (most recent call last):

 File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 480, in _process_modules

   self.bag_dag(dag=dag, root_dag=dag)

 File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 499, in bag_dag

   self._bag_dag(dag=dag, root_dag=root_dag, recursive=True)

File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag

raise AirflowDagDuplicatedIdException(

airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py

[2026-01-14T03:59:14.141+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=non-requeueable deps ti=<TaskInstance: data_validation_dag.extract_task manual__2025-10-22T00:00:00+07:00 [success]>

[2026-01-14T03:59:14.146+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=requeueable deps ti=<TaskInstance: data_validation_dag.extract_task manual__2025-10-22T00:00:00+07:00 [success]>

[2026-01-14T03:59:14.146+0000] {taskinstance.py:2867} INFO - Starting attempt 1 of 3

[2026-01-14T03:59:14.155+0000] {taskinstance.py:2890} INFO - Executing <Task(PythonOperator): extract_task> on 2025-10-21 17:00:00+00:00

[2026-01-14T03:59:14.426+0000] {taskinstance.py:3134} INFO - Exporting env vars: AIRFLOW_CTX_DAG_OWNER='data-engineering-team' AIRFLOW_CTX_DAG_ID='data_validation_dag' AIRFLOW_CTX_TASK_ID='extract_task' AIRFLOW_CTX_EXECUTION_DATE='2025-10-21T17:00:00+00:00' AIRFLOW_CTX_TRY_NUMBER='1' AIRFLOW_CTX_DAG_RUN_ID='manual__2025-10-22T00:00:00+07:00'

[2026-01-14T03:59:14.428+0000] {taskinstance.py:732} INFO - ::endgroup::

[2026-01-14T03:59:14.429+0000] {dag_testing_assignment.py:24} INFO - Extracted data: [{'name': 'apple', 'price': 1000}, {'name': 'banana', 'price': 500}]

[2026-01-14T03:59:14.436+0000] {python.py:240} INFO - Done. Returned value was: None

[2026-01-14T03:59:14.437+0000] {taskinstance.py:341} INFO - ::group::Post task execution logs

[2026-01-14T03:59:14.437+0000] {taskinstance.py:353} INFO - Marking task as SUCCESS. dag_id=data_validation_dag, task_id=extract_task, run_id=manual__2025-10-22T00:00:00+07:00, execution_date=20251021T170000, start_date=, end_date=20260114T035914

Transform Task (Success).

airflow@32e2a09a7f5d:/opt/airflow$ airflow tasks test data_validation_dag transform_task 2025-10-22

/home/airflow/.local/lib/python3.11/site-packages/airflow/metrics/statsd_logger.py:184 RemovedInAirflow3Warning: The basic metric validator will be deprecated in the future in favor of pattern-matching. You can try this now by setting config option metrics_use_pattern_match to True.

[2026-01-14T04:00:49.464+0000] {dagbag.py:588} INFO - Filling up the DagBag from /opt/***/dags

[2026-01-14T04:00:49.993+0000] {dagbag.py:557} ERROR - Exception bagging dag: data_validation_dag

Traceback (most recent call last):

  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag

    raise AirflowDagDuplicatedIdException(

airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py

[2026-01-14T04:00:49.994+0000] {dagbag.py:484} ERROR - Failed to bag_dag: /opt/***/dags/tests/test_dag_testing_assignment.py

Traceback (most recent call last):

  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 480, in _process_modules

    self.bag_dag(dag=dag, root_dag=dag)

  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 499, in bag_dag

    self._bag_dag(dag=dag, root_dag=root_dag, recursive=True)

  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag

```
    raise AirflowDagDuplicatedIdException(
```

airflow.exceptions.AirflowDagDuplicatedIdException: Ignoring DAG data_validation_dag from /opt/airflow/dags/tests/test_dag_testing_assignment.py - also found in /opt/airflow/dags/dag_testing_assignment.py

[2026-01-14T04:00:50.080+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=non-requeueable deps ti=<TaskInstance: data_validation_dag.transform_task manual__2025-10-22T00:00:00+07:00 [success]>

[2026-01-14T04:00:50.085+0000] {taskinstance.py:2614} INFO - Dependencies all met for dep_context=requeueable deps ti=<TaskInstance: data_validation_dag.transform_task manual__2025-10-22T00:00:00+07:00 [success]>

[2026-01-14T04:00:50.085+0000] {taskinstance.py:2867} INFO - Starting attempt 1 of 3

[2026-01-14T04:00:50.089+0000] {taskinstance.py:2890} INFO - Executing <Task(PythonOperator): transform_task> on 2025-10-21 17:00:00+00:00

[2026-01-14T04:00:50.335+0000] {taskinstance.py:3134} INFO - Exporting env vars: AIRFLOW_CTX_DAG_OWNER='data-engineering-team' AIRFLOW_CTX_DAG_ID='data_validation_dag' AIRFLOW_CTX_TASK_ID='transform_task' AIRFLOW_CTX_EXECUTION_DATE='2025-10-21T17:00:00+00:00' AIRFLOW_CTX_TRY_NUMBER='1' AIRFLOW_CTX_DAG_RUN_ID='manual__2025-10-22T00:00:00+07:00'

[2026-01-14T04:00:50.337+0000] {taskinstance.py:732} INFO - ::endgroup::

[2026-01-14T04:00:50.348+0000] {python.py:240} INFO - Done. Returned value was: None

[2026-01-14T04:00:50.350+0000] {taskinstance.py:341} INFO - ::group::Post task execution logs

[2026-01-14T04:00:50.350+0000] {taskinstance.py:353} INFO - Marking task as SUCCESS. dag_id=data_validation_dag, task_id=transform_task, run_id=manual__2025-10-22T00:00:00+07:00, execution_date=20251021T170000, start_date=, end_date=20260114T040050

Load test (Success)

airflow@32e2a09a7f5d:/opt/airflow$ airflow tasks test data_validation_dag load_task 2025-10-22

/home/airflow/.local/lib/python3.11/site-packages/airflow/metrics/statsd_logger.py:184 RemovedInAirflow3Warning: The basic metric validator will be deprecated in the future in favor of pattern-matching. You can try this now by setting config option metrics_use_pattern_match to True.

[2026-01-14T04:01:02.495+0000] {dagbag.py:588} INFO - Filling up the DagBag from /opt/***/dags

[2026-01-14T04:01:03.044+0000] {dagbag.py:557} ERROR - Exception bagging dag: data_validation_dag

Traceback (most recent call last):

  File "/home/airflow/.local/lib/python3.11/site-packages/airflow/models/dagbag.py", line 548, in _bag_dag

    raise AirflowDagDuplicatedIdException(

>

[2026-01-14T04:00:50.085+0000] {taskinstance.py:2867} INFO - Starting attempt 1 of 3

[2026-01-14T04:00:50.089+0000] {taskinstance.py:2890} INFO - Executing <Task(PythonOperator): transform_task> on 2025-10-21 17:00:00+00:00

[2026-01-14T04:00:50.335+0000] {taskinstance.py:3134} INFO - Exporting env vars: AIRFLOW_CTX_DAG_OWNER='data-engineering-team' AIRFLOW_CTX_DAG_ID='data_validation_dag' AIRFLOW_CTX_TASK_ID='transform_task' AIRFLOW_CTX_EXECUTION_DATE='2025-10-21T17:00:00+00:00' AIRFLOW_CTX_TRY_NUMBER='1' AIRFLOW_CTX_DAG_RUN_ID='manual__2025-10-22T00:00:00+07:00'

[2026-01-14T04:00:50.337+0000] {taskinstance.py:732} INFO - ::endgroup::

[2026-01-14T04:00:50.348+0000] {python.py:240} INFO - Done. Returned value was: None

[2026-01-14T04:00:50.350+0000] {taskinstance.py:341} INFO - ::group::Post task execution logs

[2026-01-14T04:00:50.350+0000] {taskinstance.py:353} INFO - Marking task as SUCCESS. dag_id=data_validation_dag, task_id=transform_task, run_id=manual__2025-10-22T00:00:00+07:00, execution_date=20251021T170000, start_date=, end_date=20260114T040050

Integration Test (Success)

airflow@32e2a09a7f5d:/opt/airflow$ pytest dags/tests/

==
============ test session starts
==
============

platform linux -- Python 3.11.11, pytest-9.0.2, pluggy-1.5.0

rootdir: /opt/airflow

plugins: anyio-4.8.0, time-machine-2.16.0

collected 2 items

dags/tests/test_dag_testing_assignment.py ..
[100%]

==
============= warnings summary
==
==============

dags/tests/test_dag_testing_assignment.py::test_dag_integrity

  dags/dag_testing_assignment.py:108: RemovedInAirflow3Warning: Param `schedule_interval` is
deprecated and will be removed in a future release. Please use `schedule` instead.

    with DAG(

dags/tests/test_dag_testing_assignment.py::test_dag_integrity

  dags/resources/case_study.py:56: RemovedInAirflow3Warning: Param `schedule_interval` is
deprecated and will be removed in a future release. Please use `schedule` instead.

    case_study()

-- Docs: https://docs.pytest.org/en/stable/how-to/capture-warnings.html

```
========================================================================
======== 2 passed, 2 warnings in 2.23s
========================================================================
========
```

airflow@32e2a09a7f5d:/opt/airflow$