

## 1. Airflow Web UI (most common)

Start the Airflow web server:

```
airflow webserver
```

1. (and separately run the scheduler if not already running: `airflow scheduler`)
  2. Open the UI in your browser → <http://localhost:8080>.
  3. In the **DAGs list**:
    - Look for your DAG (e.g., `hello_airflow`).
    - If it's triggered, you'll see a **green checkmark** under the "Runs" column (success).
    - A **red cross** means failure, and a **yellow circle** means it's still running.
  4. Click on your DAG → **Graph View** or **Tree View** to see task-level execution status.
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## 2. Check Task Logs

- In the Airflow UI, click your DAG → a specific task → **Log**.  
You'll see exactly what happened (success, failure, or skipped).
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## 3. CLI Commands

You can also check from the terminal.

List all DAGs:

```
airflow dags list
```

Check recent runs of a DAG:

```
airflow dags list-runs -d hello_airflow
```

Check task instances for a specific run:

```
airflow tasks list hello_airflow
```

Get logs of a specific task:

```
airflow tasks logs hello_airflow <task_id> <execution_date>
```

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## 4. Scheduler Logs

Sometimes the scheduler is not picking up the DAG. Check the scheduler logs:

```
airflow scheduler
```

If the DAG is picked up, you'll see log entries like:

```
INFO - Executing <dag_id> on <execution_date>
```

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Quick Debug Checklist if you don't see execution:

- Is your DAG file inside the **dags/** folder (as defined in `airflow.cfg`)?
  - Did you run `airflow db init` after first setup?
  - Is the scheduler running (`airflow scheduler`)?
  - Is the DAG enabled (checkbox in UI is **ON**)?
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