Implementing xcom\_push in Airflow Tasks

Apache Airflow's **xcom\_push** method allows tasks to communicate by pushing messages to XComs, which can then be pulled by downstream tasks. This is particularly useful for sharing small pieces of data such as file paths or configuration parameters.

Pushing Data to XCom

To push data to XCom within a task, use the **xcom\_push** method:

# Push data to XCom with a unique key

task\_instance.xcom\_push(key='file\_path', value='/path/to/s3/data.csv')

Pushing and Pulling XComs

Use **xcom\_push** to store a value and **xcom\_pull** to retrieve it.

# Pushing an XCom

context['ti'].xcom\_push(key='data\_key', value=data)

# Pulling an XCom

context['ti'].xcom\_pull(key='data\_key', task\_ids='task\_id')