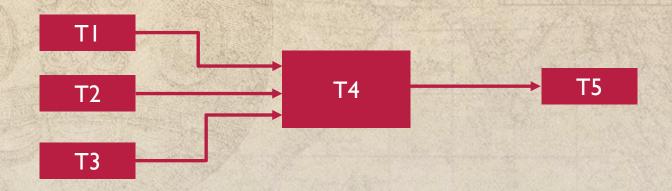
WHAT IS DAG? (DIRECTED ACYCLIC GRAPH)

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DAG



- Is a finite directed graph with no directed cycles.
- In Airflow all workflows are DAGs. A Dag consists of operators. An operator defines an individual task that needs to be performed. There are different types of operators available

Airflow key components

DAG	Task	Operators and Sensors
Every workflow is defined as a directed acyclic graph.	A Task is a specific action or operation to be performed	Operators tell something to be performed (send email)
A DAG defines a series of tasks to perform something	For example query a Sales table OR exporting data.	Sensor, trigger operation to be performed (when file exists)
The task can have directional dependencies.	The operators and sensor initiate the work	

https://airflow.apache.org/

DAG operators

- BashOperator executes a bash command.
- PythonOperator calls an arbitrary Python function
- EmailOperator sends an email
- SimpleHttpOperator sends an HTTP request
- Google Cloud operators, MySqlOperator, SqliteOperator, PostgresOperator, MsSqlOperator, etc