

dbt mechanism

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Topics

- Templating capability
- Adapter
- Dependency management

Templating capability

Jinja

Modularize sql code

Can import packages, e.g `date_util` packages

```
{{ dbt_utils.current_timestamp() }}
```



Multi-dispatch

adapter gives dbt cross database capability

adapter is a wrapper around the internal database adapter used by dbt. It allows users to make calls to the database in their dbt models. The adapter methods below will be translated into specific SQL statements depending on the type of adapter your project is using.

Dependency management

You can call `{{ ref(model_name) }}`, which resembles bitwise operator in Airflow, which easily build the dependency between models.

DAG generation is done via Networkx



NetworkX
Network Analysis in Python