1. Create database

USE ROLE DBT\_EXECUTOR\_ROLE;

CREATE DATABASE PORTFOLIO\_TRACKING

COMMENT = 'DB for the portfolio tracking project';

1. Create Schema

USE ROLE DBT\_EXECUTOR\_ROLE;

CREATE SCHEMA PORTFOLIO\_TRACKING.SOURCE\_DATA;

1. Create Table

CREATE OR REPLACE TABLE

PORTFOLIO\_TRACKING.SOURCE\_DATA.ABC\_BANK\_POSITION (

account\_id TEXT,

symbol TEXT,

description TEXT,

exchange TEXT,

report\_date DATE,

quantity NUMBER(38,0),

cost\_base NUMBER(38,5),

position\_value NUMBER(38,5),

currency TEXT

);

A best practice to conjugate project order, ease of editing, and to avoid many merge conflicts is to

define a different YAML file for each source system that we get data from.

1. We can try our source by writing the following query, which is the simplest for testing a source:

In DBT:

SELECT \*

FROM {{ source('abc\_bank', 'ABC\_BANK\_POSITION') }}

In Snowflake:

SELECT \*

FROM PORTFOLIO\_TRACKING.SOURCE\_DATA.ABC\_BANK\_POSITION

LIMIT 500

1. To clean up the dev environment, I used following commands in Snowflake

DROP VIEW "PORTFOLIO\_TRACKING"."UA"."POSITION\_ABC\_BANK";

DROP SCHEMA "PORTFOLIO\_TRACKING"."UA";

DBT Commands

For running tests

dbt test

Run test on all sources

dbt test -s source:\*

Run the tests on all the tables in the abc\_bank source:

dbt test -s source:abc\_bank.\*

Run the tests on the ABC\_BANK\_POSITION table of the abc\_bank source:

dbt test -s source:abc\_bank.ABC\_BANK\_POSITION