First Install Visual Studio Code (if it is not installed in your system)

Bring folder from system into vs code

Open terminal

Check for git bash in the terminal

If it not installed ..install git bash in ur terminal

Then reopen the vs code and check for git bash

Open git bash and create python Environment using this command

Python -m venv .venv

If python is not installed in ur system …u need to download latest version of python and install it in your system

Then type this command python –version (check for python is installed)

Re-rum this command : Python -m venv .venv

Next run this command

Source .venv/Scripts/activate

If any error in source command:

[source is not recognized as an internal or external command | bobbyhadz](https://bobbyhadz.com/blog/source-is-not-recognized-as-internal-or-external-command) (fllow this link)

dbt init (for dbt project creation)

if dbt is not found error follow these steps:

pip install dbt-core

pip install dbt-postgres

then repeat the command dbt-init

setup the database connection

dbt debug

dbt compile and check for the models , tests ect..

keep raw\_orders, raw\_customers and raw\_payments under seed file

Keep this (seed and model config) under model and seeds in dbt\_project.yml

models:

  test\_test:

    # Config indicated by + and applies to all files under models/example/

    example:

      +tags: "example\_tag"

      +materialized: view

seeds:

    +column\_types:

      id: int

      user\_id: int

      order\_date: date

      status: varchar

      \_etl\_loaded\_at: timestamptz

After this config…

Run the command dbt seed

your seed files will be materialized as table in data ware house

check for the \_etl\_loaded\_at column is timestamp (@ database)

(need to create staging folder under models directory)

u can keep stg\_customers, stg\_orders, stg\_payments under staging folder

Run these commands…

dbt build -s stg\_customers

dbt build -s Stg\_orders

dbt build -s Stg\_payments

Note: please check the database tables for the creation of these tables

TAGS: When I want to run all the models under example directory by calling them with a tag

Dbt run -s tag:example\_tag

(Tags will teach u on Monday)

Next topic : DBT TEST, Source Freshness and Tags.