# Not in Use - 03 - Create a Database, Schema and Roles

To create a new schema in snowflake using DBT:

1.First got to infra (short for infrastructure) project:

2.In the macros folder, copy paste a folder with the name of a newly pasted file as new created schema. For example, create_grant_db_h13_other.sql to create_grant_db_h15_rewards_information.sql    if the new schema is

btdp_ds_c2_h15_rewards_information_eu_pd

BTDP_DS_C1_ or

BTDP_DS_C2_ is common prefix to the schema names.

3.Open the file and edit it changing:

change every line having schema name into

<<your new schemaname>>_{{ env_var('DBT_REGION') }}

4. Just for your information, macros in DBT are like user-defined function in SQL .Run once call anywhere.

5.Create the required folder in private and publish layer with the naming conventions.

6.Commit the code to push it to remote

7. Go to the HRDP_SDDS_DV_QA project and pull form remote to get all the code written in infra.

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***Below are the steps to do from Snowflake UI & points to consider:***

1. ***All objects must be created by HRDP_PD_DOMAIN_ADMIN this role.***
2. ***All databases must have a '_Tech_' role attached to them.*** *Example: RO or OWN role*
3. ***If tech  role is not created please create one & grant permissions. Code is in below lines.***
4. ***Please follow the naming convention of DB, Schema and Roles***
5. ***If use-case demands for another team to be a owner please add the*** *_TECH_*_OWN_ROLE* ***to the respective team group*** *HRDP_DATA_QUALITY_ROLE*
6. ***SQL file is attached in the page***

data_quality_db_creation.sql