

The user should add postgresql.jar to the project's dependency before following the steps below. The file postgresql.jar is located in the postgres folder.

Stage 1: Input database information. If the database successfully connected, the user should be able to go to stage 2.

The user can use stage 1/ stage 2 button to change stage.

Stage 2:

1. Input Schema/Check if table\_name is existed:

If the column of schema is empty, the program is going to assume that the user just tries to check the table\_name is existed or not. If it is existed, the program will generate the schema Information of this table.

Else, the program will use the table\_name to create a new table object and use the input schema to create a table in the database and get the types. Therefore, the user should make sure that `input schema'name == table_name`

2. The user can import data from a sql file

3. The user can either import ESQL phi arguments from txt file (make sure that there are 5 rows. If number of grouping variables = 0, the user should put whitespace on the last row) or input into the northeast panel.

The user can choose using min\_loop output or not.

Syntax: The program use “,” to parse the input

Eg. Select: cust, prod, avg\_0\_quant, max\_1\_quant, sum\_2\_quant

# of gv: 2

Ga : cust, prod

Fv: avg\_0\_quant, max\_1\_quant, sum\_2\_quant

Cond: state.compareTo("NJ") > 0 && quant > 3, !state.equals("NY")

(Follow Java's Syntax)

4. Due to tech difficulty, the user should run the generated class by himself instead of using the UI.