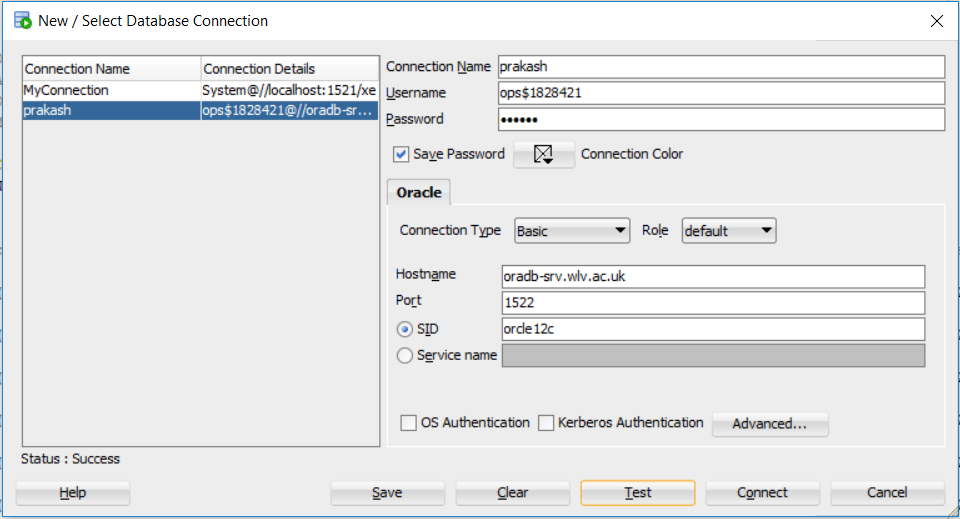
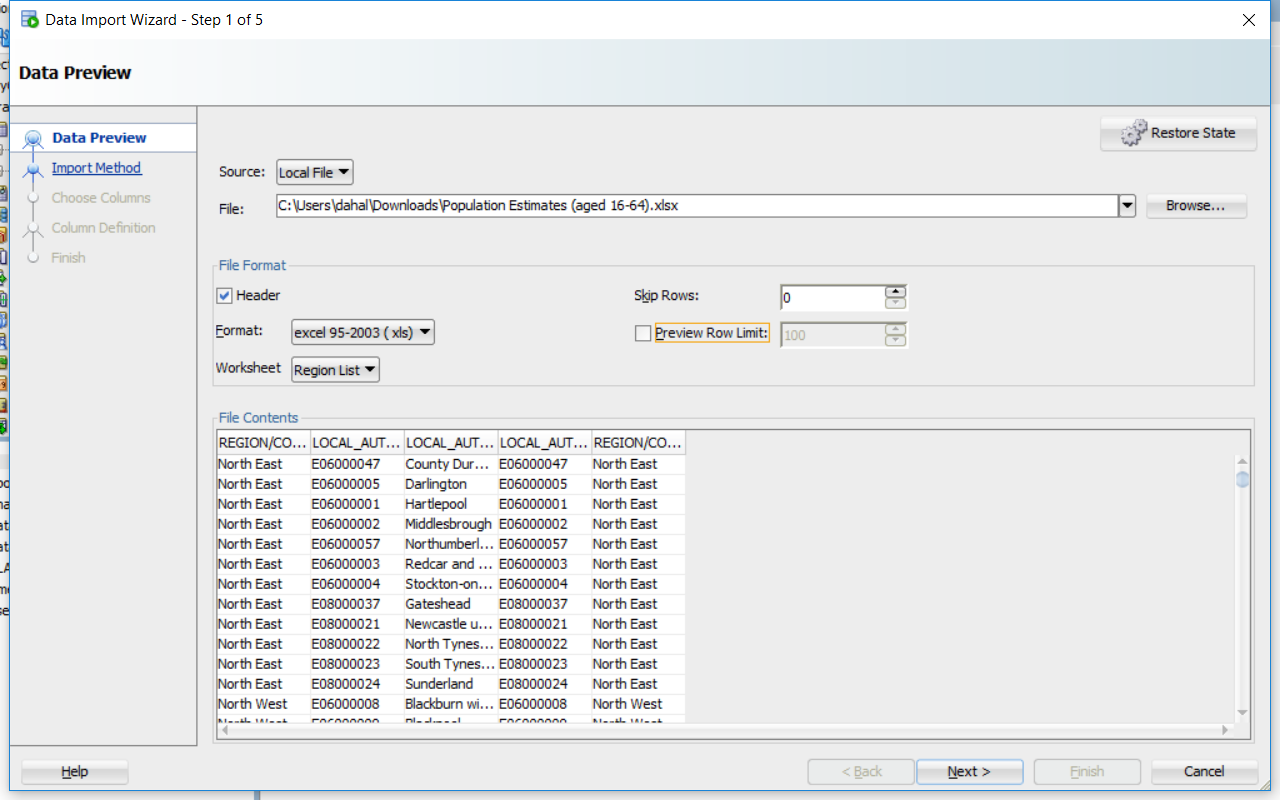
# Task 1: Database Connection in the university.



To make a connection, user name and password given by the university are to be provided.

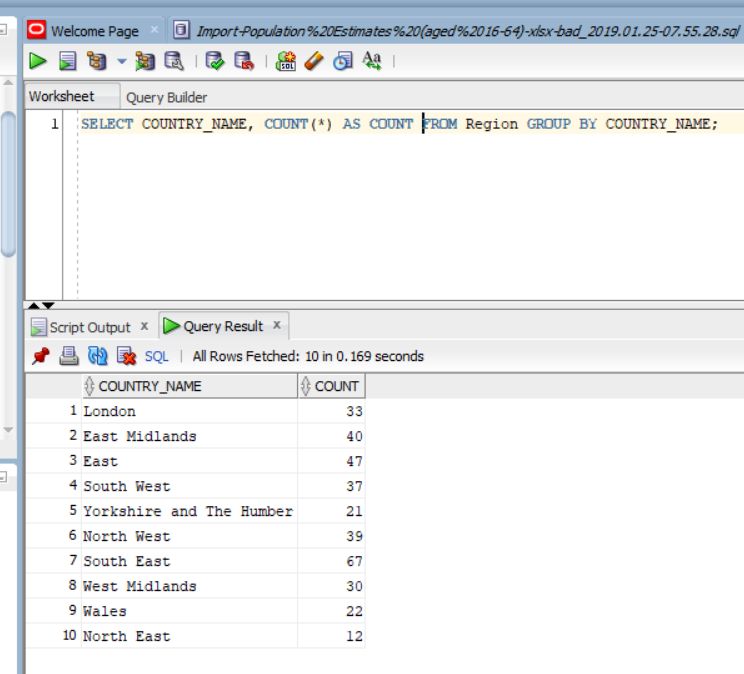
# Task 2: Importing file in database.



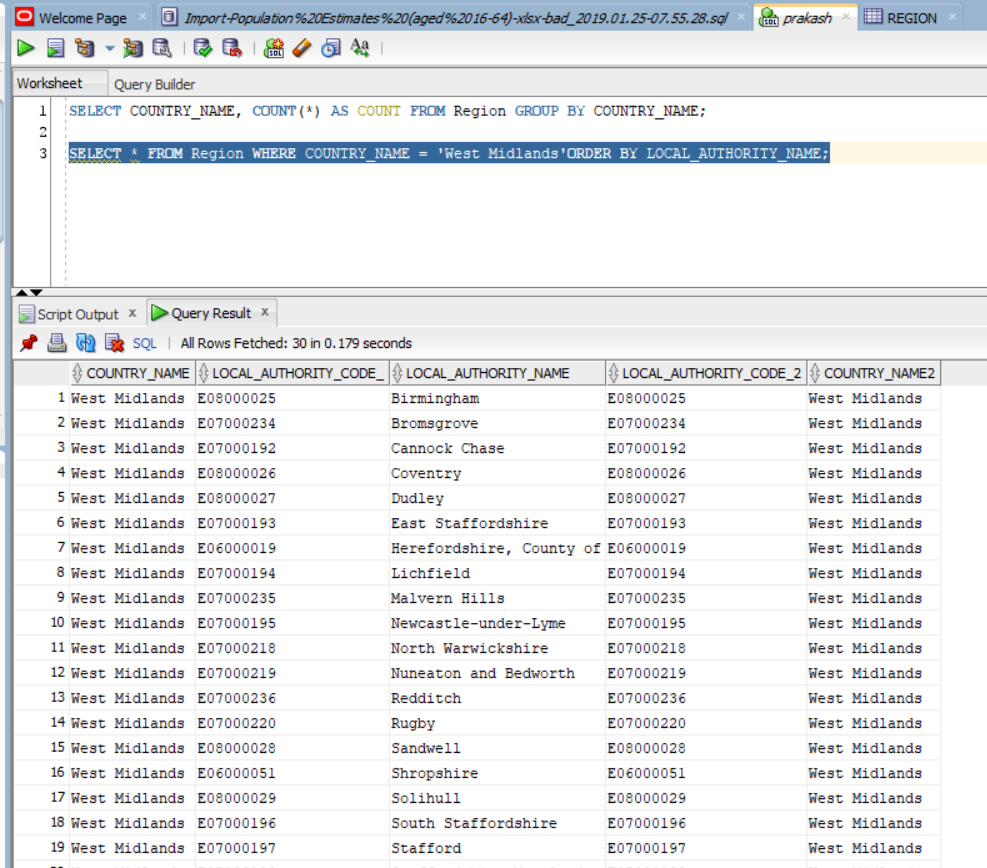
Importing Xls file locally.

# Task 3: SQL Queries.

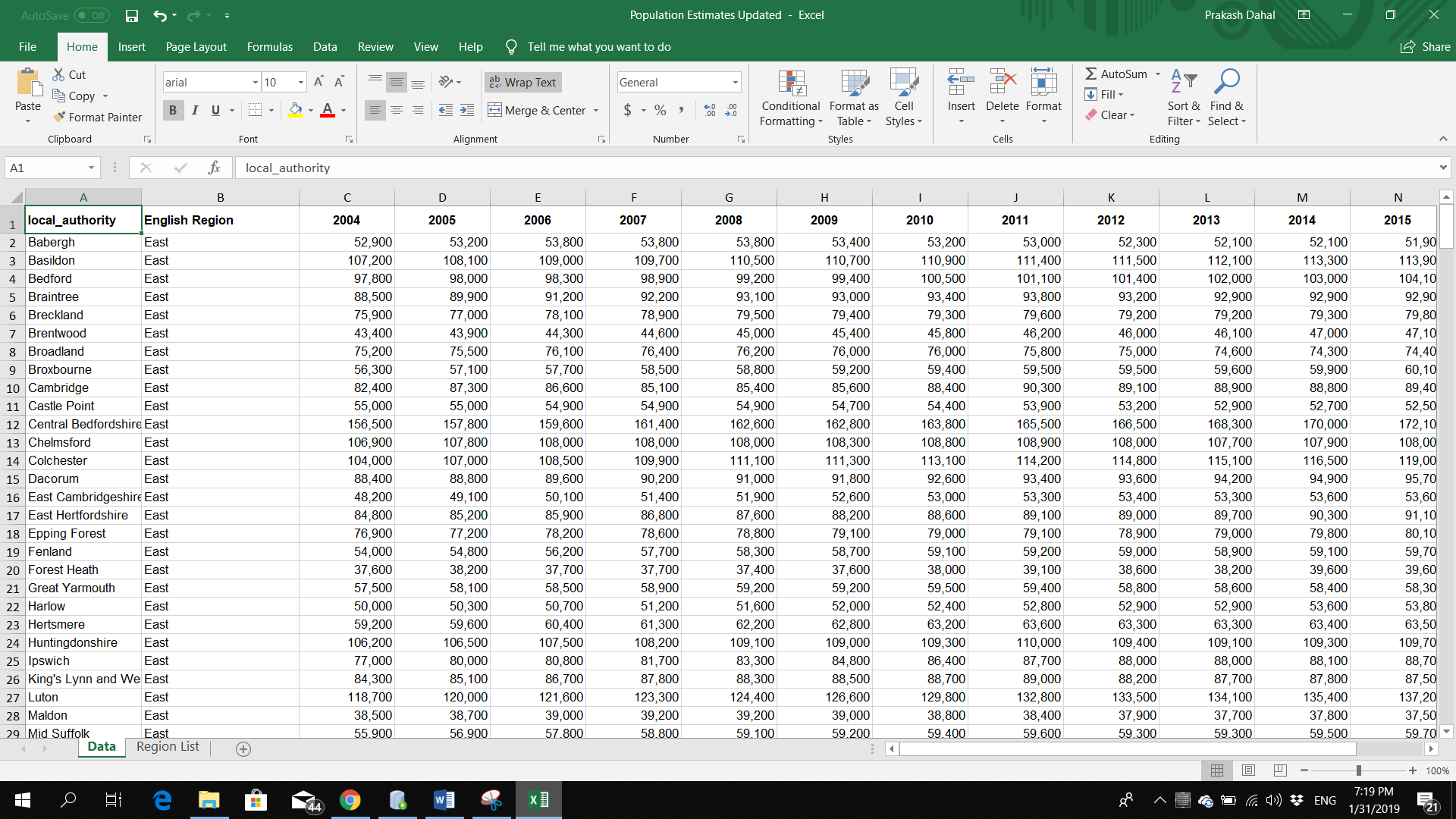
1. SELECT COUNTRY\_NAME, COUNT(\*) AS COUNT FROM Region GROUP BY COUNTRY\_NAME;



1. SELECT \* FROM Region WHERE COUNTRY\_NAME = 'West Midlands'ORDER BY LOCAL\_AUTHORITY\_NAME;

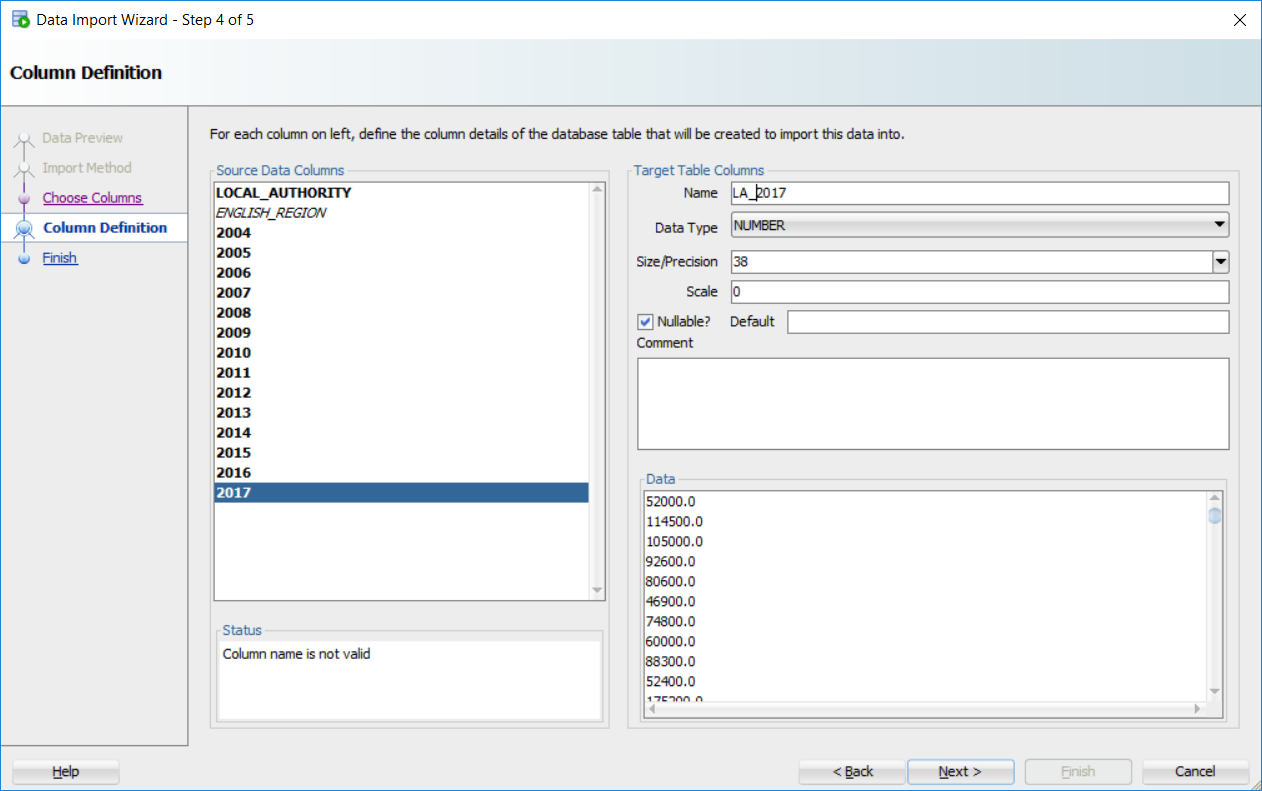


# Task 3: Changing Excel data.



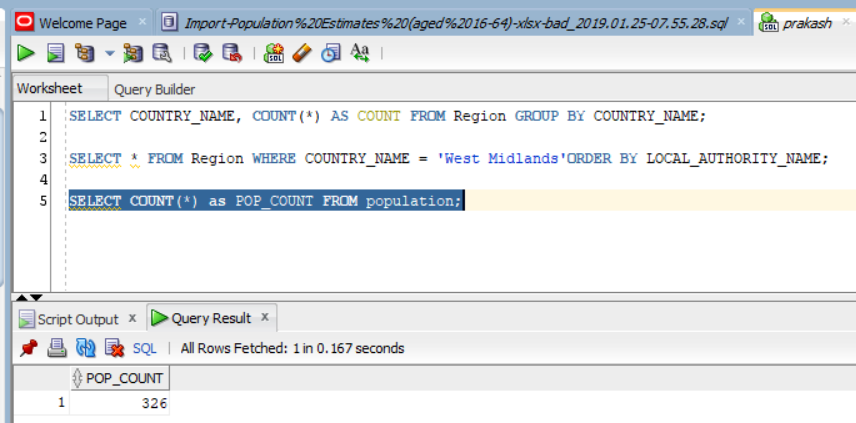
# Task 4: Importing Updated data.

Adding LA\_ at the beginning of metadata of column years. Example (LA\_2014)

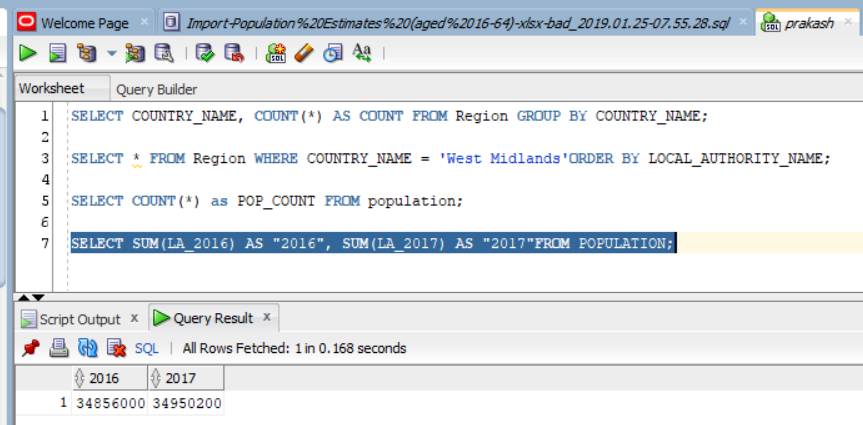


# Task 5: SQL on updated data.

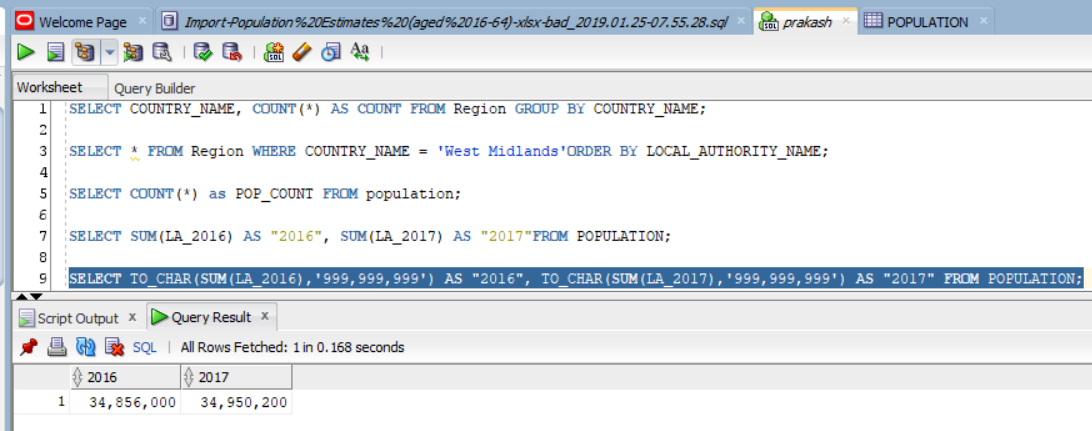
1. SELECT COUNT(\*) as POP\_COUNT FROM population;



1. SELECT SUM(LA\_2016) AS "2016", SUM(LA\_2017) AS "2017"FROM POPULATION;



1. SELECT TO\_CHAR(SUM(LA\_2016),'999,999,999') AS "2016", TO\_CHAR(SUM(LA\_2017),'999,999,999') AS "2017" FROM POPULATION;



1. M SELECT COUNTRY\_NAME, LOCAL\_AUTHORITY\_NAME, LOCAL\_AUTHORITY\_CODe\_, LA\_2015, LA\_2016, LA\_2017 FROM REGION R, POPULATION P WHERE R.LOCAL\_AUTHORITY\_NAME=P.LOCAL\_AUTHORITY ORDER BY COUNTRY\_NAME, LOCAL\_AUTHORITY\_NAME;

