

Files summary

Below are the files used and developed along with a brief information about them.

SQL Files –

1. SQL_create.sql – Database and table creation script.
2. SQL_insert.sql – Script to insert data into the three tables, including updates to insert random dates and other variables.
3. dist_base_cust.sql – main analysis script used to assign the teams from the nearest base to the customer.

Additional Files –

1. geolocations of german cities.xlsx – File from which random german cities were picked for the customers and bases. Data obtained from <https://simplemaps.com/data/de-cities> .
2. enpal_test.csv – Result obtained after running dist_base_cust.sql
3. enpal_test.twbx – Tableau file with a table report based on the final output.

Tableau public link –

https://public.tableau.com/app/profile/abhishek.kurup/viz/enpal_test/EnpalTeamassignments?publish=yes