Comparing Uber and google datasets:

The paper was basically a statistical analysis on the OD matrices that can be constructed by taking the ratio of the time specified in the Uber matrix and the google maps matrix. once the ratios are obtained, they are considered only as numbers of an unordered set of real numbers and a simple histogram of this set was drawn as a conclusion to show that google data was generally showing the time of travel to be higher than Uber.

DBSCAN clustering analysis on OD matrices.

Notwithstanding my lack of understanding, the DBSCAN method is in fact an unsupervised ML method that uses clustering to group a scatterplot that corresponds to the OD matrix to show that certain OD pairs have a similar behavior.

what I have not understood.

- Firstly, I do not understand the exact method of the DBSCAN algorithm that can make convex-concave shaped classification boundaries.
- secondly, I do not understand the conclusion it draws that this method is better than k-medoids, hierarchical etc methods

> I have not been able to find introductory literature on them.

- lastly, given the fact that the DBSCAN algorithm acts on a corresponding scatterplot of the OD matrix, I do not understand the method to generate said scatterplot.