

Estimating Countries with Similar Maternal Mortality Rate

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Problem:

In day today life the one of the most important problem to be solved is to bring the maternal mortality rate to 0% by improving hospital facilities, by practising good food habits, improving healthy habits and so on.

Solution Overview:

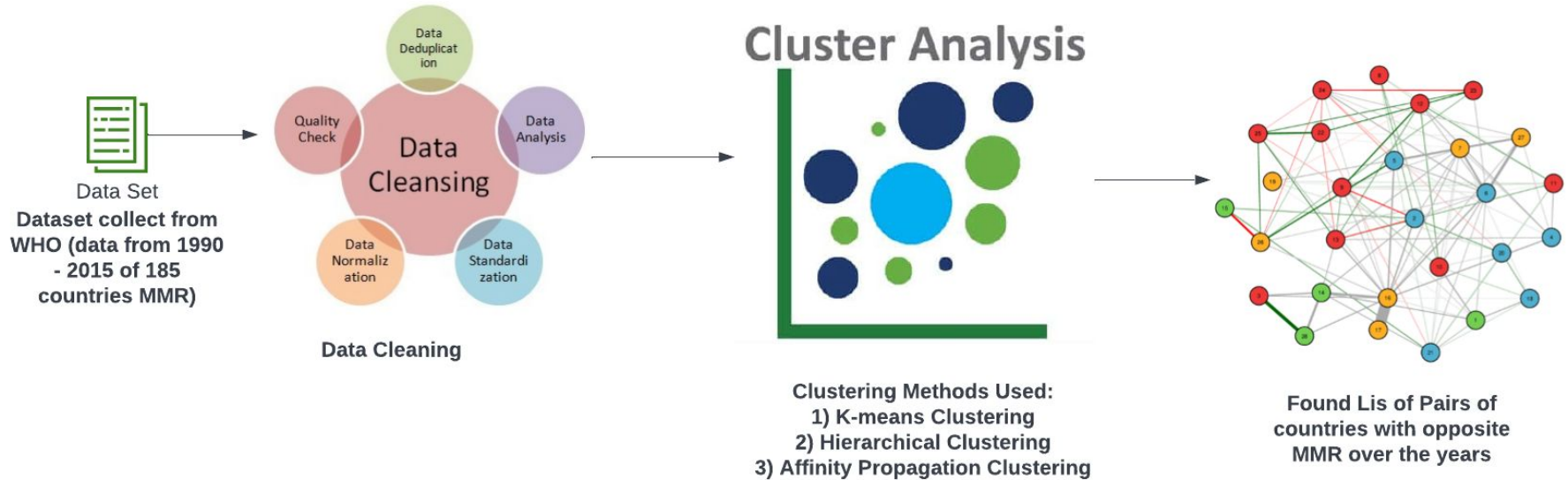
Collected dataset from WHO from 1990 - 2015 of 185 countries maternal mortality rate and analysed them using Unsupervised Machine Learning - Cluster Analysis.

Clusters were formed from the list of countries based on the MMR (Maternal Mortality Rate)

From this each cluster I found pairs of countries that has opposite maternal mortality rate i.e., many pair of countries in which of that has high maternal mortality rate and other has less.



Process of the Project:



Tech Stack

- Pandas
 - Numpy
 - Sklearn Libraries
 - Matplotlib
 - Unsupervised ML (Cluster Analysis)
 - TSNE - py
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