Population Density and GDP

Population Density of Selected Countries

According to population density per capita india is on top compared to Brazil and GBR

Finding Optimum Cluster
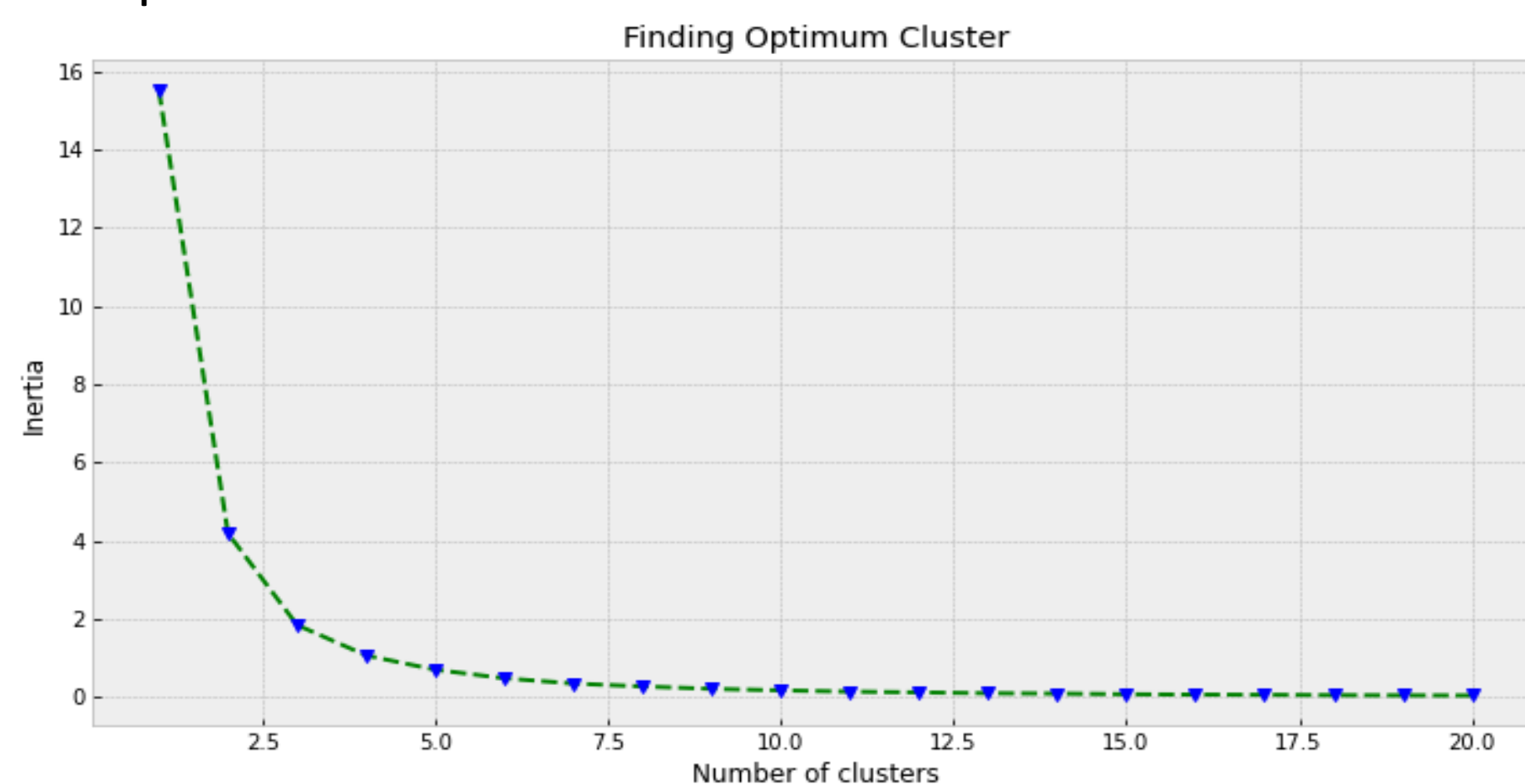
Clustering is a process to catogorize the data based on their feture, here manly used opitum cluster to analyse the data population density of these country. as well as India considered as 0cluster


Cluster Visualization
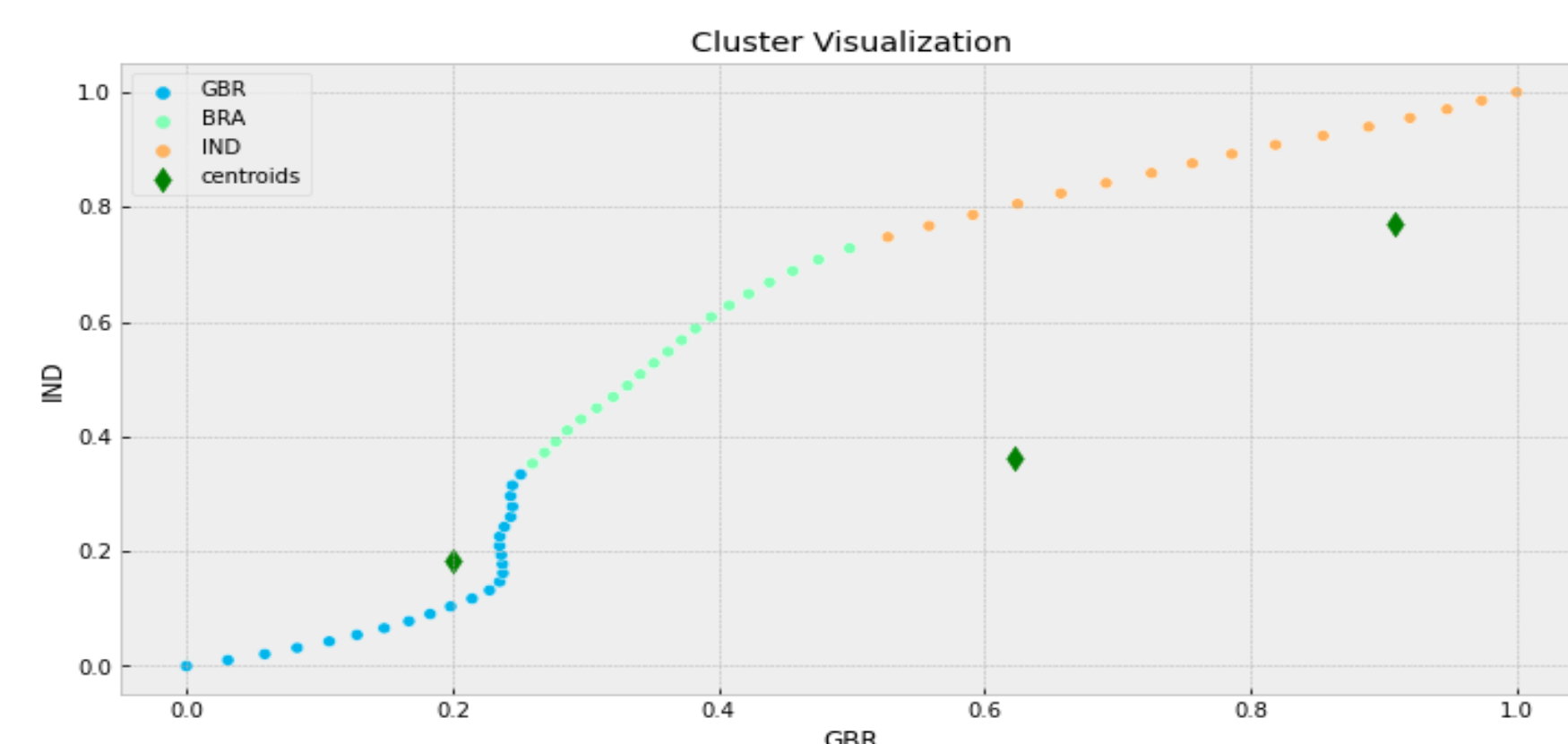
Aim & focus

The aim of the analysis is to identify the population density and GDP per capita . This description help to create a clear picture of the analysis.

Background

Changes in a country's Gross Domestic Product (GDP), which may be split into its population and economic aspects by expressing it as population times per capita GDP, are used to gauge economic growth. Economic growth is defined as population growth plus per capita GDP growth expressed as a percentage change. Demographic shifts can have a variety of effects on GDP growth. For starters, slower population increase means less labour input. Second, decreased population growth has an indirect, potentially negative influence on individual labour supply since higher tax rates limit the motivation to work.


Agglomerative Clustering
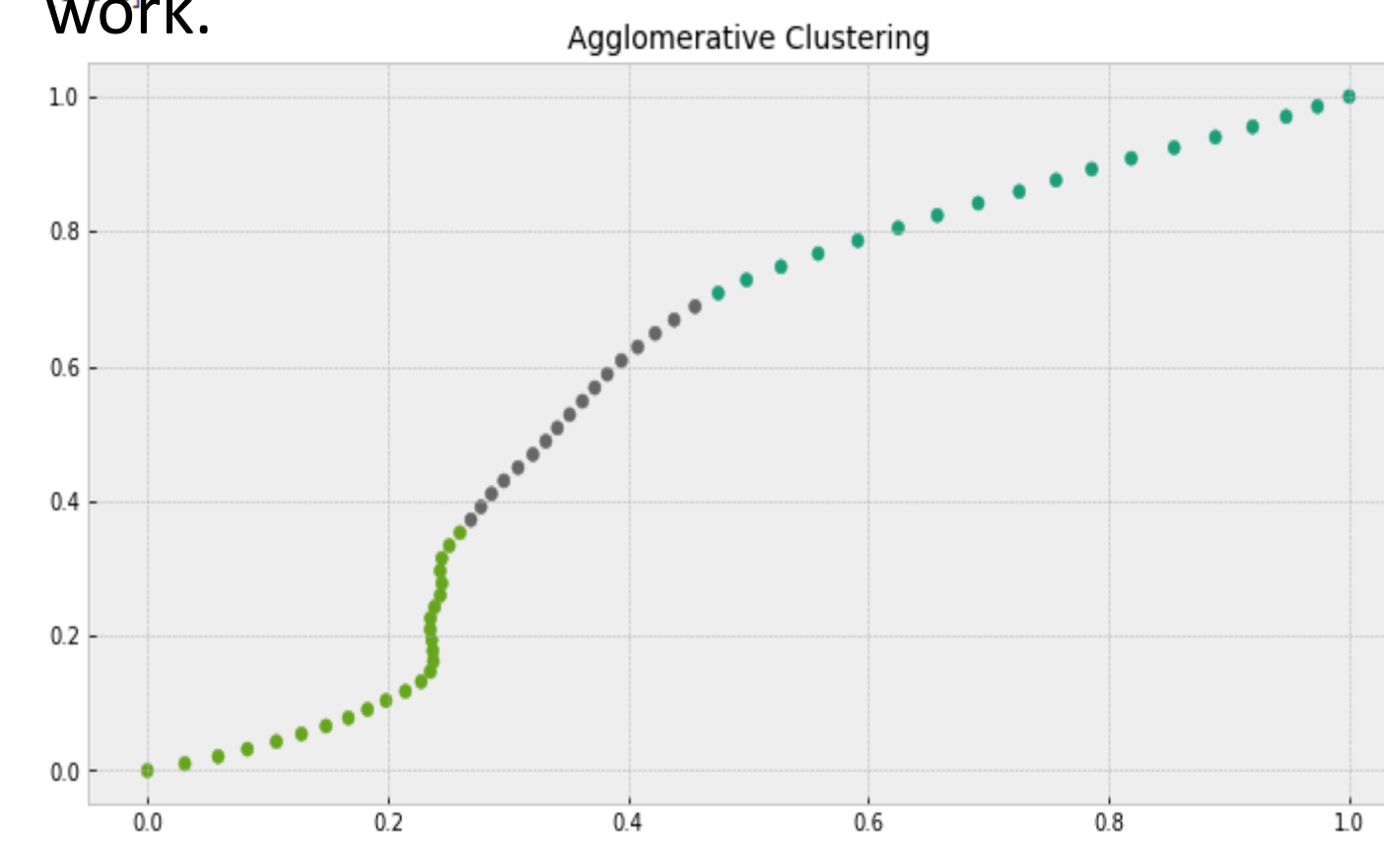
Conclusion

acordding to the complete analysis, there are higher population shwin in India however their GDP is very low compare to other, it shows that somehow population effect the economy, and India is still developing country.

GDP Per Capita of Selected Countries
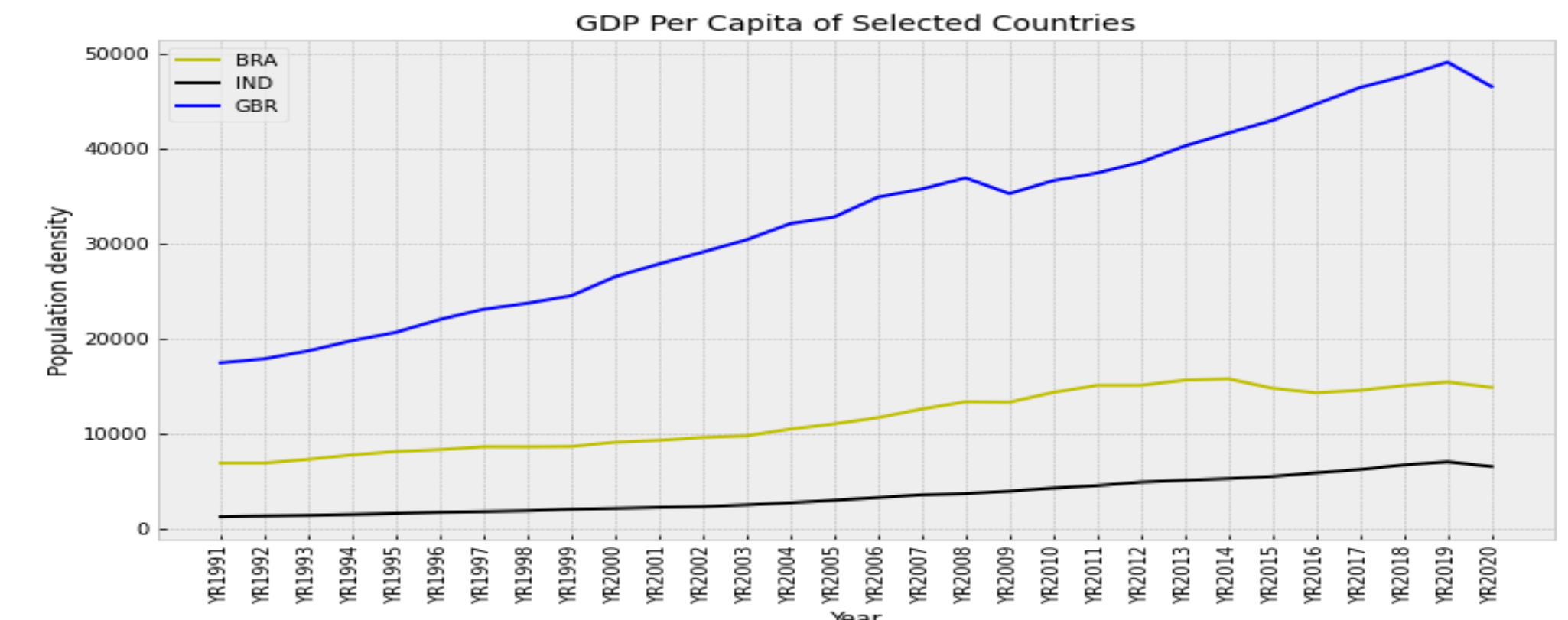
According to this analysis GDP of these countries, much higher in GBR

Dendogram for Countries

Curve Fiting Results
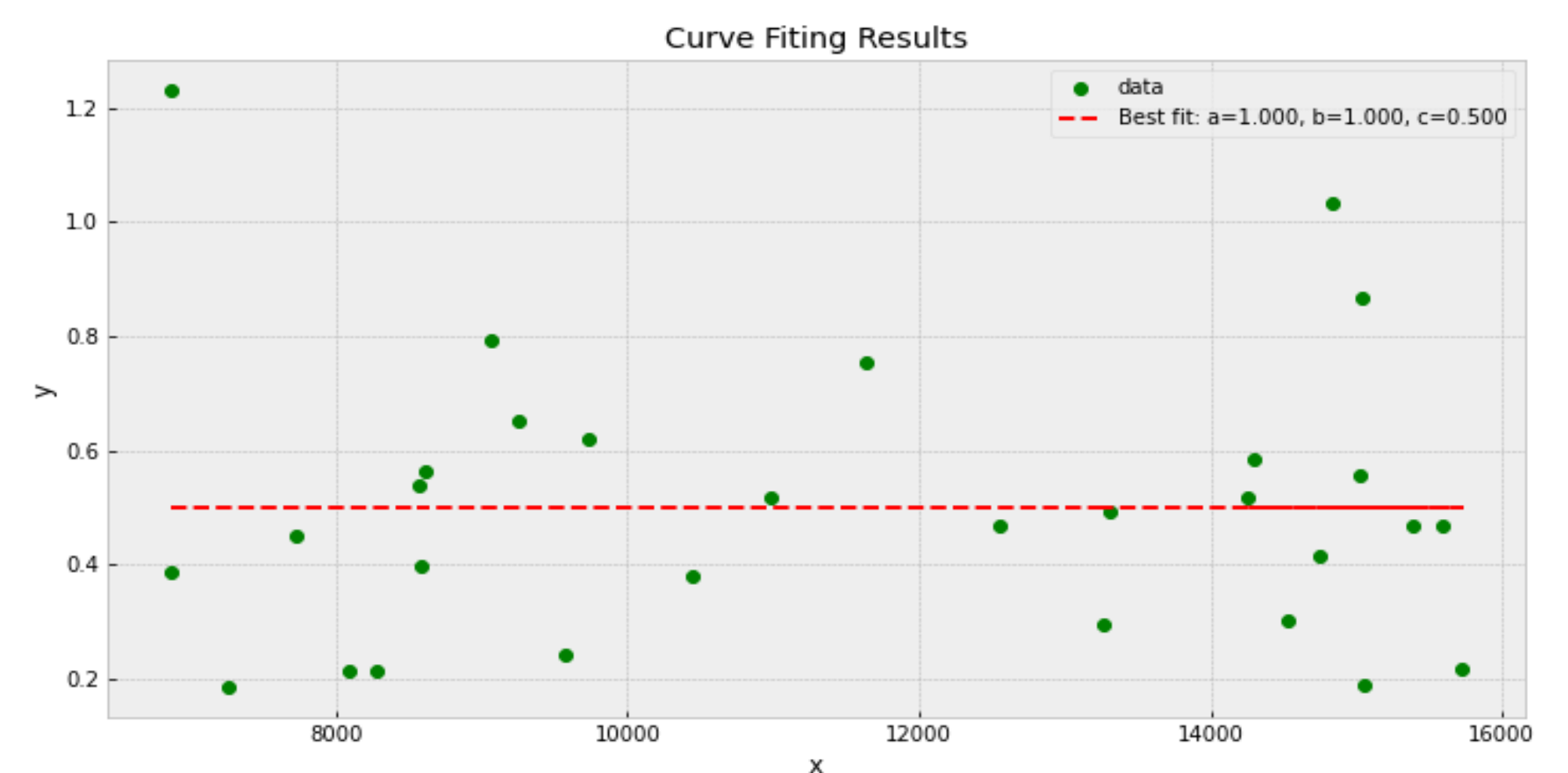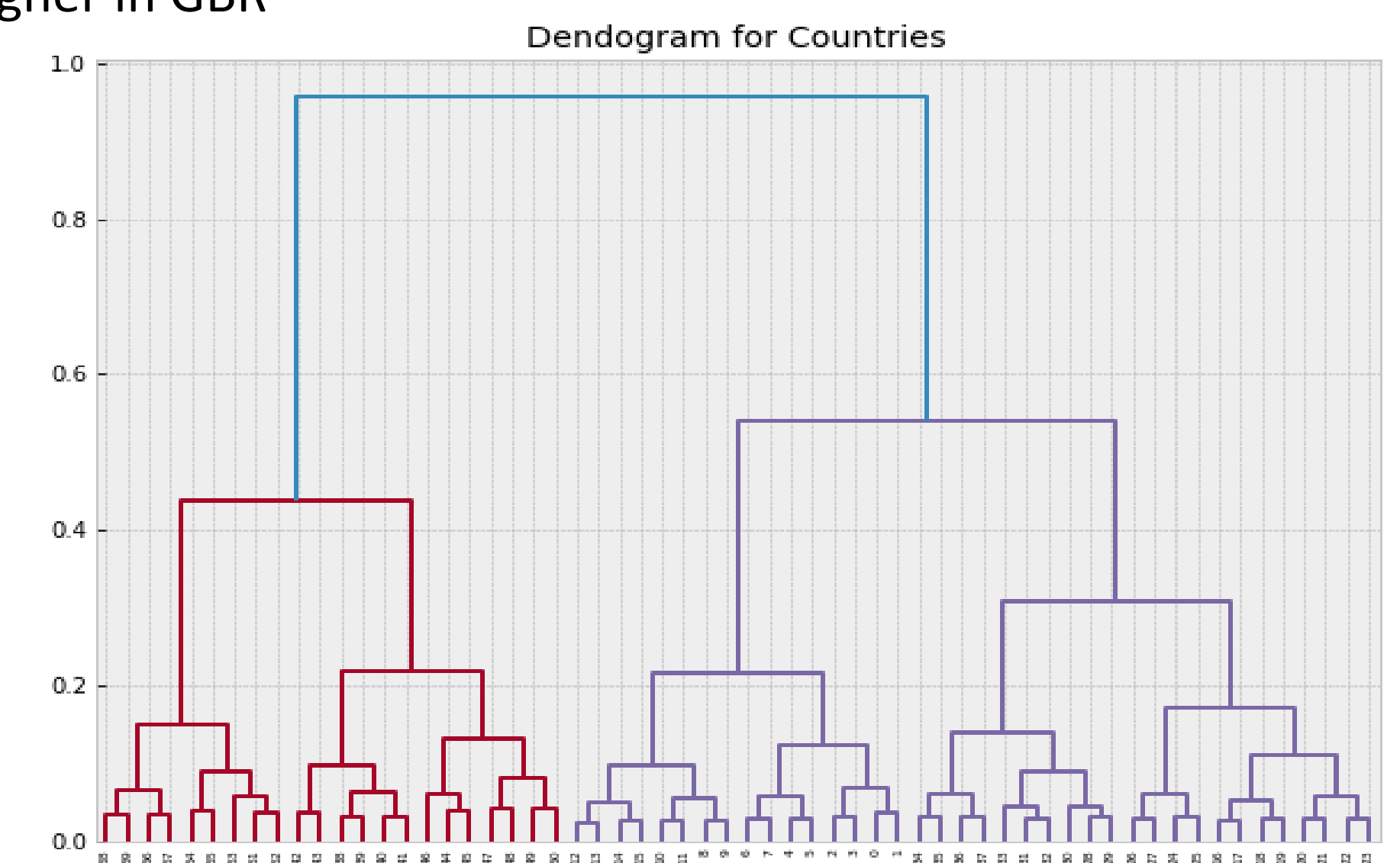
to analyse the GDP per capita, curve fitting has been used. the error range used here 1 to 5 which help them to success fully present the analyse