

PREPLACEMENT DOCUMENT ON

**WORLD POPULATION OF COUNTRY WISE**

DONE

BY

BHARATHWAJ

**Introduction: World Population by country**

The US Census Bureau's world population clock estimated that the global population as of September 2022 was 7,922,312,800 people and was expected to reach 8 billion by mid-November of 2022. This total far exceeds the 2015 world population of 7.2 billion. The world's population continues to increase by roughly 140 people per minute, with births outweighing deaths in most countries.

* Imported data in the python to do data cleaning and preprocessing.
* Separated categorical and continuous columns from the data set.
* Identified outliers in the dataset using boxplot.
* Removed outliers using IQR method for every column.
* Identified nulls values in the dataset.
* Replaced nulls values using data imputation techniques.
* Exported the data frame to csv file.
* For better analysis and visualization done in tableau using charts and graphs.
* Identified top 5 country wise population using box plot.
* Identified country wise growth rate, area, density and rank wise population.
* For better analysis done a dashboard, first created template using figma.
* After creating template imported in the tableau dashboard and added selected graphs for the analysis of data.
* After adding all graphs created one action filter on the country.
* By using action filter, we can find country wise rank, Growth rate, World percentage, Area, Density.

**From the graphs we can analyze that population in India has been increased more over the years and it is ranked number one in population and china is in next position to it.**