**CWW TECH AFRICA DATA ANALYSIS**

**GROUP PROJECT**

Obtain Nigeria’s Economic data from the World Bank. Download the data in an excel format (.Xlsx)

Link to data: data.worldbank.org/country/Ng

1. Clean your range and present the data in a Table.

* The data present in the table will be from the year 2001-2020
* It must contain the following indices;
* Population, female
* Imports of goods and services (current US$)
* Population, total
* GNI (current US$)
* Rural population
* Life expectancy at birth, total (years)
* Trade (% of GDP)
* Access to electricity (% of population)
* Gross national expenditure (current US$)
* Exports of goods and services (current US$)
* Rural population (% of total population)
* Fertility rate, total (births per woman)
* Gross domestic savings (% of GDP)
* Population, male
* Birth rate, crude (per 1,000 people)
* GDP (current US$)
* Urban population
* Air transport, freight (million ton-km)
* Surface area (sq. km)
* Agriculture, forestry, and fishing, value added (% of GDP)
* Goods imports (Bop, current US$)

* The indices will be sorted alphabetically (A-Z)
* The Table should be named Economic Analysis
* The color format for the table should be Green and White.
* Copy the Table to a new sheet and rename the sheet analysis
* Protect and set a password for the sheet

1. Create a Sheet in your workbook and name it Visualizations

The Color format for your charts will be the different shades of Green

* Create a Trendline Chart Showing GDP (Current Us$) and GNI (Current US $) by year.
* Column Chart showing Rural population, Urban Population and Population, total by year.
* Pie Chart Showing Fertility rate, total (births per woman) by Year.
* Scatterplot showing the relationship between Import of Goods (Current US $) and Export of Goods (Current US $).
* Bar chart showing Trade (% of GDP), Gross domestic savings (% of GDP), Agriculture, forestry, and fishing, value added (% of GDP) for the year 2011.