**Project Title:**

**Population Data Extraction and Analysis – Nigerian States**

**Project Description:**

In the process of extracting population data from the web page [Wikipedia – List of Nigerian States by Population](https://en.wikipedia.org/wiki/List_of_Nigerian_states_by_population), the data was exported into an Excel sheet (attached to this project). However, the extracted data is not well-structured and needs to be cleaned for further analysis.

The raw data contains:

* Combined values for **state ranks, names, and population figures for 2006 and 2019** in a single column. ( Please note that the 2019 data may be updated to 2020, as Wikipedia regularly revises its records.)
* Population numbers for each state for both years, merged without clear separation.

To serve as a guide, the original web format separates:

* **Rank**
* **State**
* **Population (2006)**
* **Population (2019)**

**Project Requirements:**

1. **Clean and format the extracted data** to match the structure as seen on the source website. Specifically:
   * Separate the **Rank**, **State**, **Population (2006)**, and **Population (2019)** into distinct columns.
2. **Create a new column** labeled **“Percentage Increase”**, and calculate the percentage growth in population for each state using the formula:

Percentage Increase =

**Additional Notes:**

* The **bolded numbers** in the original data represent the **rank (serial number)** of the states.

Rank (2019)StatePopulation (2006)Population (2019)**1**Kano State9,401,28814,253,549**2**Lagos State9,113,60512,772,884**3**Katsina State5,801,5849,300,382**4**Kaduna State6,113,5038,324,285**5**Bauchi State4,653,0667,540,663**6**Oyo State5,580,8947,512,855**7**Rivers State5,198,7167,034,973**8**Jigawa State4,361,0026,779,080**9**Niger State3,954,7726,220,617**10**Ogun State3,751,1405,945,275**11**Sokoto State3,702,6765,863,187**12**Benue State4,253,6415,787,706

* The values following the state names are the **population figures for 2006 and 2019**, but they are **merged and need to be separated** properly for accurate analysis.

**See Image of the Original Data**



