A screenshot of a computer

Description automatically generated with medium confidence

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**Date of Submission:**

**Monday 10th July 2023**

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| AsSIGNMENT 1 dATA vISUALIZATION |  |

My Cursor went onto the Pages tab and selected Cover Page to create a title for my project, my name and the date of submission.

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Description automatically generated

I wrote my name, project name and date of submission in the text box after using my own cursor to outline the weight.

**1.GDP**

**2.Life Expectancy**

**3.Smartphones**

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Description automatically generated

I dragged my cursor onto the References section and clicked on the Automatic Table to create headings for my project.

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Description automatically generatedMy headings contain GDP, Life Expectancy and Smartphones.

These policies need to be adhered to very strictly, because data protection policy offers guidelines on how to identify and contain data breaches in IT.

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Description automatically generated

Also, these types of rules are very important in Data Analysis because I would have to be prepared to compromise and look out for the right data.

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I opened the Wealth of Nation workbook and I clicked on the Life Expectancy workbook to access it.

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Description automatically generated

I also clicked on the cursor to open GDP Workbook on Excel Spreadsheet, as I will be working on it shortly.

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Description automatically generatedA screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer error

Description automatically generated with low confidence My Cursor went onto the Protect Workbook, and I created a protected password to prevent hackers from accessing the wealth of Nation Spreadsheet.

Before I clicked on the OK, I created a password both on confirm password and protected structure window tab after pressing on the protect workbook tab on my cursor.

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Description automatically generated

I highlighted the GDP-per capita section on Excel by dragging the cursor down.

Meanwhile, I am about to change the Data from British Pound Symbol from United Dollars Symbol by clicking on the accounting format options.

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Description automatically generated with low confidence

I scrolled up to the Accounting tab and clicked on more Accounting formats options.

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Description automatically generatedIn the Category, I selected currency and the British pound Symbol appeared after I changed it from US Dollars.

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Description automatically generated

The currency changed to British Pound Symbol automatically as soon as I clicked on the OK button in the currency section.

I highlighted the GDP- per capita section with my cursor and the figures in that section has changed completely.

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Description automatically generated

In addition, I spent 30 seconds selecting the year of information section and clicked on the Filter section.

A screenshot of a computer

Description automatically generatedI took me 5 minutes to click on the year of information section on Excel and selected the year 2019.

The information filtered completely, the moment I clicked on the OK in the Filter Options.

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Description automatically generated

I filtered all the relevent information that I will need to display the GDP- Per Capita Chart.

A screenshot of a graph

Description automatically generated with medium confidence

The recommended chart options, when I clicked on Insert Chart.

I selected the Clustered Bar and am going to press on the ok button shortly on the Recommended Charts options.

Once, I press on the ok button, the GDP – Per Capita (PPP) will appear at the middle of my workbook that I am working on.

A screenshot of a computer

Description automatically generatedI displayed the GDP- Per Capita (PPP) Chart at the middle of my workbook.

All the relevant information including the figures are displayed on the Bar Chart below.

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I have just gone onto the Chart Elements options and decided to click on the button Axis Titles for editing.

I will be editing GDP- Per Capita as an Axis Titles at the bottom of the Bar Chart.

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Description automatically generated

I created the Axis Title (GDP)-Per Capita PP) in bold at the bottom of the Bar Chart.

A screenshot of a computer

Description automatically generated

I clicked on the fill colour and accessed the Theme Colours for each column.

A screenshot of a computer

Description automatically generated with medium confidenceI went to Borders options and clicked on all Borders for designing.

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I went into font and highlighted the text inside the chart in bold.

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Description automatically generated

I used the Chart Elements to make the GDP- Per Capita (PPP) chart look eye catching.

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Description automatically generated

I right clicked on the mouse and selected Move Chart on the following options.

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Description automatically generated

After clicking on the Move Chart button, I renamed my new sheet GDP-per capita (PPP) before I clicked on the OK button.

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GDP- Per Capita (PPP) Chart moved into a new sheet.

A screenshot of a computer

Description automatically generated with medium confidence

I went back to the Change Chart Type options and selected Clustered Bar to replace it underneath the tables.

A screenshot of a computer

Description automatically generatedI created a new Bar Chart, and all the relevant information are all in there.

A screenshot of a computer

Description automatically generated

I drew my cursor to view and clicked on Macros.

A screenshot of a computer

Description automatically generated

I clicked on the Record Macro to copy, print, and save my Data on Excel Spreadsheet using the Macro name.

A screenshot of a computer

Description automatically generatedIn this image I will use blue for square(print), orange Triangle( save) and green circle (copy).

A screenshot of a computer

Description automatically generated

I typed up copy in the Macro name and copy sheet in the description sections.

A screenshot of a computer

Description automatically generated

I wrote save in the Macro Name Section and save in the Description Section.

A screenshot of a computer

Description automatically generated

In this screenshot, I wrote The Wealth\_Nation in the Macro Name section and “please print off my worksheet” in the Description Section.