**ANALYSIS OF STUDENTS PERFORMANCE DATASET USING PYTHON**

**Description:**

Using Python on Students Performance dataset to do the following:

1. importing the necessary libraries such as Pandas, NumPy and Matplotlib
2. View

* Read the excel file
* View the first 10 rows
* View the last 10 rows
* Display the dataset shape
* Describing the students’ performance dataset
* Display the entire dataset

1. Clean the data set by dropping the empty columns
2. Show count of columns by category
3. Sorting values in ascending order
4. Data visualizations and saving as Png
5. Exporting visual to MS Excel.

Click below to download the additional resources.

1. Import libraries



1. Read and view dataset

Table

Description automatically generated

Table

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Table

Description automatically generated

3 dropping the invalid columns



4 show count of columns by category

Graphical user interface, text, application, email

Description automatically generated

5. sorting Value in ascending order



6. Data Visualization and saving as Png

Chart, line chart

Description automatically generatedChart

Description automatically generatedGraphical user interface, chart, pie chart

Description automatically generated

1. Exporting to excel

