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**FROM DATA TO DISCOVERY: EXPLORING & UNVEILING HEALTHCARE DATASET**

**TASK**: Data Cleaning & Preprocessing.

**DATA SET**: Healthcare Data Report.

**DESCRIPTION**: Working with CSV file of healthcare data set that contains missing values, duplicates and inconsistent data formats.

**TOOLS**: Python, Pandas, VS Code, Jupyter Notebook & Openpyxl.

**DISCOVERY**:

* Number of Columns in data set: 7.
* Number of Rows: 12,000.
* Number of Duplicate Values 0.
* Number of Empty Cells 0.

**PROCESS:**

* Understanding the data set.
* Dataset Column header (Hospital Name, Country Name, Global Ranking, Hospital Size, Visibility, Rich Files, Scholarship Scores)
* Renaming all columns in the above dataset
* Hospital Name (Before): Hospital\_Name (After)
* Country Name (Before): Country\_Name (After)
* Global Ranking (Before): Global\_Ranking (After)
* Hospital Size (Before): Hospital Size (After)
* Visibility (Before): Digital\_Presence (%) (After)
* Rich Files (Before): Research\_Score (%) (After)
* Scholarship Scores (Before): Education\_Support\_Score (%) (After)
* Addition of new columns (i.e. Overall\_Score & Hospital\_Performance) to the above dataset.
* Capitalizing each word of string data type in the above dataset.

**Output GitHub Link:** https://github.com/AanDevAnalyst/Data\_Cleaning/tree/main