**Minutes of the Group Meeting on Data Mining using Python**

]

**Members Present:**

* 168237 – Austine Namayi
* 150739 – Emma Karanja
* 150367 – Christine Nessy Mungla
* 165828 – Dudi Daniela
* 152318 – Caleb Mugambi
* 167284 – Gacheru Nyaga

**Agenda**

1. Discussion of the “Data Understanding” section using the **Netflix Titles Dataset**.
2. Responding to the four knowledge check questions provided in the assignment.
3. Allocating individual tasks and ensuring understanding of the dataset exploration process in Python.

**Minutes of Discussion**

**1. Dataset Overview**  
The group examined the **Netflix Titles Dataset** in Google Colab using Python (Pandas library). The dataset was loaded and previewed to understand its structure and contents.

**2. Findings**

* **Rows and Columns:**  
  The dataset was found to contain *[insert actual number after running df.shape]* rows and *[insert number]* columns.  
  Command used:
* df.shape
* **Datatypes in the Dataset:**  
  The group identified datatypes such as object, int64, and datetime64.  
  Command used:
* df.dtypes
* **Missing Values:**  
  It was confirmed that the dataset contains missing values in some columns such as *director*, *cast*, and *country*.  
  Command used:
* df.isnull().sum()
* **Movies vs. TV Shows (Last 20 Rows):**  
  Among the last 20 entries, the group counted the number of Movies and TV Shows using:
* df.tail(20)['type'].value\_counts()

**3. Task Allocation**

* Austine Namayi: Code writing and dataset inspection.
* Emma Karanja: Documentation of findings.
* Christine Nessy: Analysis of datatypes and missing values.
* Dudi Daniela: Verification of results.
* Caleb Mugambi: Preparation of summary text cell for Colab.
* Gacheru Nyaga: Proofreading and final formatting.

**4. Conclusion**  
The group successfully understood how to perform data exploration and summarization in Python. The next step will involve **Data Preparation and Cleaning** in the upcoming meeting.

**Meeting Adjourned at:** [Monday,7:30pm]  
**Minutes Prepared by:** Austine Namayi