**TASK1 REPORT (Data Analyst/ELEVATE LABS)**

**Data Cleaning Summary – Mall Customer Segmentation**

**Tools Used:**

* Excel
* Python (Pandas in PyCharm)

**Steps Performed:**

* Checked for duplicate rows – none found.
* Checked for missing/null values – none found.
* Standardized text (e.g., ‘Male’ → ‘M’ and ‘Female’ → ‘F’).
* Cleaned column headers (CustomerID → customer\_id, etc.).
* Converted data types (e.g., age to int).
* Final dataset saved as cleaned\_dataset.xlsx.

**Final Cleaned File:** "cleaned datasets\cleaned\_dataset .xlsx"