

Bike Sales Project - Data Cleaning Process

1. Standardized categorical values: Replaced short forms ('M' → 'Married', 'S' → 'Single', 'F' → 'Female', 'M' → 'Male').
2. Corrected inconsistent casing in text fields (e.g., 'ProFessional' → 'Professional').
3. Removed leading/trailing spaces in text entries.
4. Created a new column 'AGE BRACKETS' to categorize ages into groups: Youth, Middle Age, Old.
5. Ensured numeric fields (Income, Age, Children, Cars) were stored as numbers.
6. Verified missing values and handled them (no major missing values in dataset).
7. Standardized Yes/No values for 'Home Owner' and 'Purchased Bike'.
8. Reorganized dataset to make it analysis-friendly for Pivot Tables and Dashboard.