**Training and Testing Sets Composition**

* **Total Dataset Size**: 6,940 entries
  + The entire dataset contains 6,940 rows with 10 columns, all of type float64. There are no missing values in any column.
* **Training Set Size**: 80% of the total dataset
  + **Number of Entries**: 5,552 entries
  + **Composition**: The training set consists of 5,552 entries with the following columns:
    - tenure
    - MonthlyCharges
    - TotalCharges
    - tenure\_bin\_2-4 years
    - tenure\_bin\_4+ years
    - tenure\_bin\_New
    - tenure\_bin\_nan
    - Contract\_One year\_1
    - Contract\_Two year\_1
    - InternetService\_Fiber optic\_1
  + **File**: train\_set.csv
* **Testing Set Size**: 20% of the total dataset
  + **Number of Entries**: 1,388 entries
  + **Composition**: The testing set consists of 1,388 entries with the same columns as the training set.
  + **File**: test\_set.csv

**Summary of Dataset Sizes**

* **Total Dataset**: 6,940 entries
* **Training Set**: 5,552 entries (80%)
* **Testing Set**: 1,388 entries (20%)

The dataset was split into training and testing sets using an 80/20 ratio, with 5,552 rows in the training set and 1,388 rows in the testing set. Both datasets retain the same structure and columns.