**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 01 July 2024 |
| Team ID | 740709 |
| Project Title | House Rent Price Prediction Using Machine Learning. |
| Maximum Marks | 2 Marks |

**Data Quality Report Template**

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| Kaggle Dataset | .  Some unwanted columns are present in the dataset | Low | Dropped unwanted columns using drop() function. |
| Kaggle Dataset | Null values are present in the dataset | Medium | Removed the null values from dataset by using the following code:  data.dropna(inplace=True) |
| Kaggle Dataset | Outliers are present in some of the columns of dataset | High | Identified outliers by drawing boxplot and removed them from upper bound and lower bound. |
| Kaggle  Dataset | Some categorical values consisting columns are present in the dataset | High | Converted the string form of data into float by applying Label Encoding on columns consisting of categorical values. |