



Data Collection and Preprocessing Phase

| Date | 03 July 2024 |
|---------------|-----------------------------------------------------|
| Team ID | team-739875 |
| Project Title | House Rent Price Prediction Using Machine Learning. |
| Maximum Marks | 2 Marks |

Data Collection Plan & Raw Data Sources Identification Template

Creating a data collection plan &Raw Data Sources involves several key steps to ensure that the data gathered is reliable, relevant, and suitable for analysis.

Data Collection Plan Template

| Section | Description |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Overview | This project aims to predict house rent prices using machine learning techniques. The objective is to build a model that can accurately estimate the rent based on various features such as location, size, number of bedrooms, and other relevant factors |
| Data Collection Plan | Data will be collected from various real estate websites, rental property listings, and publicly available datasets. Sources will include websites like Kaggle, Zillow, Craigslist, and government housing data portals. |
| Raw Data Sources Identified | The raw data sources will include descriptions, URLs, formats, sizes, and access permissions. Raw data i.e., Dataset for House Rent Price Prediction is collected |





| from Kaggle which consist city ,monthly rant, Baths ,BHKS | | | | |
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Raw Data Sources Template

| Source Name | Description | Location/URL | Format | Size | Access Permissions |
|-------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------|------|-----------------------|
| Kaggle Dataset | A comprehensive dataset from Kaggle containing historical rental prices and property features. | https://drive.goog le.com/file/d/1Me X69BpRYAMO0 BvZPqRkP7R84q EuKm7u/view?us p=sharing | CSV | 3МВ | Public |