

Document Title: **Rental Price Prediction Model**

Intern Name: V Sai Jayesh

Internship Period: 28-07-2025 – 27-10-2025

Department/Team: AIML

Mentor Name: Prasad Krishna & Aditya Raj C

Date of Submission: 31-07-2025

Table of Content

Title	Page
Problem Statement	2
Potential sources of data	2
Five essential Features	2

Problem Statement

To build a model to predict rental prices of apartments in Bangalore.

Potential Sources of Data

1. **Public Datasets:** look for datasets that are freely available to use

Ex: kaggle, google datasets.

2. **APIs :** look for rental websites and get the data with the help of API if available.

Ex: no Broker, 99acres.

3. **Web Scraping:** if no apis are available use web scraping tools to automatically extract data from websites

Ex: BeautifulSoup, Scrappy, Selenium.

Essential Features

1. **Area:** Refers to the specific area measurements, such as plot area, built-up area, or carpet area.
2. **Price:** Refers to the rental price of the apartment.
3. **Building size:** Refers to no. of rooms like (1BKH,2BHK)
4. **Location:** Refer to the actual address of the apartment like area name, GPS coordinates
5. **Total sqft :** Refer to the total square footage of the apartment.