PES UNIVERSITY
Data Analytics- EC campus
Section: J

Format for Literature Survey Report

1.Project Title	house rent prediction model	
2.Team Name	DA Explorers	
3.Team Members	SRN1: PES2UG20CS906	Name1:Disha Singh
	SRN2:PES2UG20CS901	Name2: Arjun Avadhani
	SRN3:PES2UG20CS922	Name3: Vaishnavi Bhat
4.Dataset used	House rent prediction	
5.Link for the Dataset	https://www.kaggle.com/datasets/f3fcbc8053a9243797d18047789e027fbffc29deed67c3c323b830c94b9e8fe3	
6. Github link:	https://github.com/vaishnavirbhat26/house-price-prediction	

7.Problem Statement:
The house rent dataset has several parameters like BHK , rent , size floor etc which acts as our Training data. Using these,we are going to build a prediction model to predict the house rent for our test data.`

8.EDA and Visualization
We have already performed EDA and visualisation for our dataset and have drawn our Inferences . From the EDA that we performed we inferred that the dataset we have selected is A clean dataset and we didnt have to perform any data cleaning . We did not find any missing Data Either and through our scatter plot we also found out that we do not have as many outliers .

9. Summarize the Literature survey
We used our literature survey to find new techniques to solve our problem statement . Instead Of using classic regression techniques we can use machine learning algorithms to buil a more Efficient model which gives us better results on our test data . In our literature survey we also Learnt how we can deal with textual information . Our main focus was to learn a more efficient Method to implement our problem statement to get the best results .

10. What is the specific problem your team is going to solve?
Our main problem is to predict the house rent of a household based on the given information in the dataset.

11. References

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