

# HCL - Internship - Mini project.

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Title : Real Estate Price prediction Project.

Over-valuation or under valuation in housing markets has always been an issue for people and real estate agencies for buying or selling houses and there is a lack of proper detection measures. By training a machine Learning model with thousands of data a solution can be developed which will be powerful enough to predict prices accurately and can cater to everyone's need.

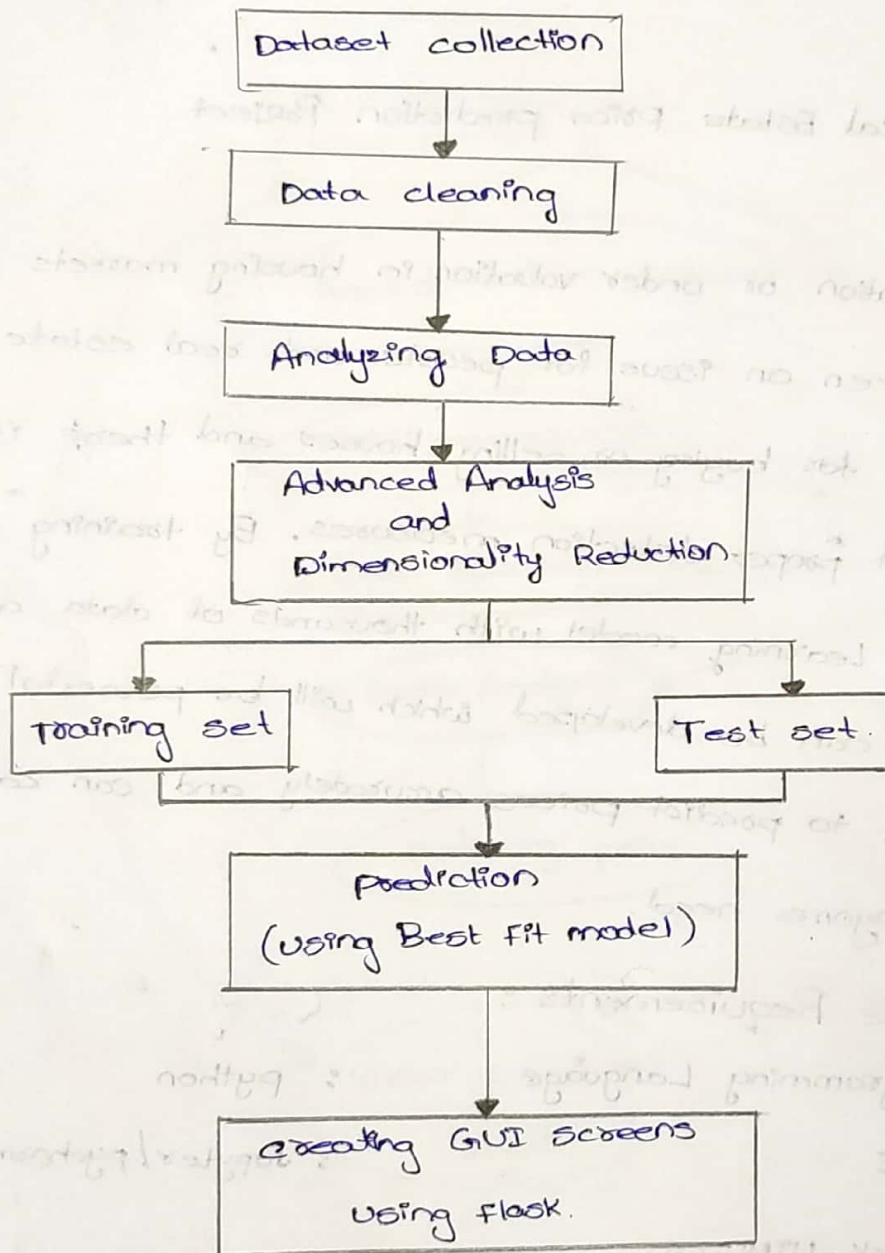
Software Requirements :

- \* programming Language : python
- \* IDE : jupyter / pycharm
- Floak, HTML, CSS

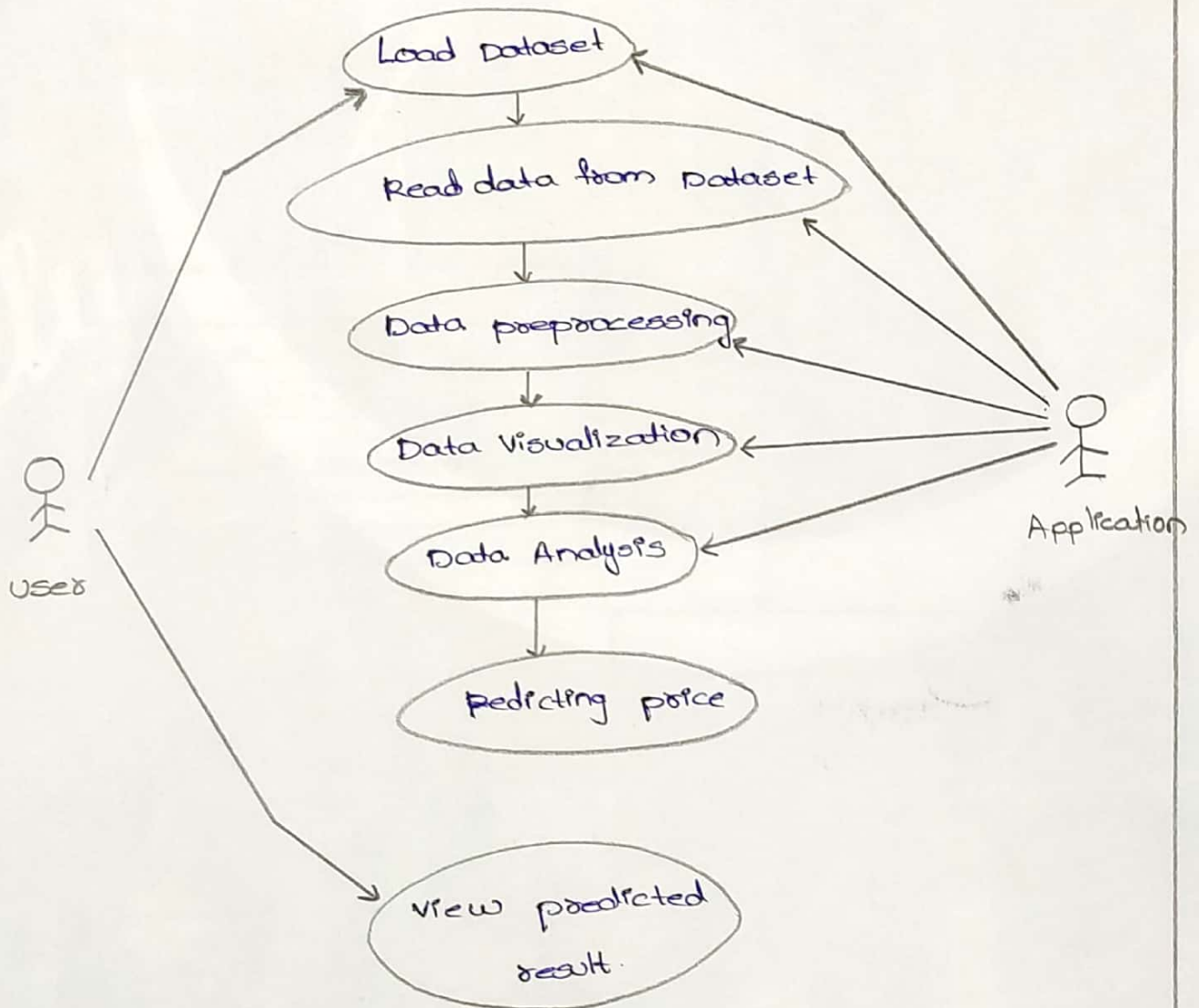
Scope :

The main scope of this is to analyse the accuracy of predicting Real estate prices using regression algorithms and this study to deepen the knowledge in regression methods in ML, and datasets should be processed to enhance performance.

## Control Flow Diagram:



## Use-case Diagram

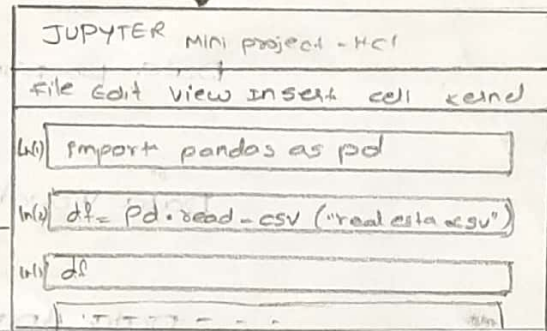




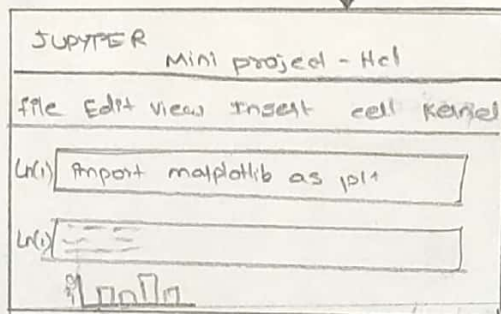
## Ideation Map:-

id	date	price	bed room	bath room	sqft	sqft lot	#bdr
1291	11-01-11	250000	3	1	1180	5650	1
1292	15-05-11	300000	3	2.25	250	2690	2
1345	15-01-11	400000	2	3.25	2620	2100	3
18920	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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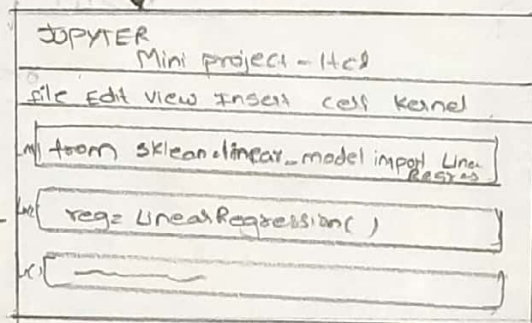
Importing dataset to  
Jupyter notebooks



Data  
Visualization



Creating  
model



Creating  
GUI  
Screens

Area (Square Feet)

BHK

1 2 3 4 5

Bath

estimate price