

Bengaluru Real Estate Data Analysis

A Capstone Project for Applied Data Science Capstone – IBM/Coursera

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Introduction /Business Problem

Bengaluru is one of the major metropolitan cities of India, often dubbed as the ‘Silicon City of India’. It is the capital of Karnataka and is one of the major hubs of the IT industry. It is home to more than 1 Crore i.e. 10 million people. Bengaluru is divided into 198 neighborhoods or wards.

The Real Estate of Bengaluru is developing rapidly and it is quite expensive to buy a plot of land. It is very important to know the information regarding any neighborhood while investing in any real estate.

In this project, Data analysis of Bengaluru Real Estate Prices will be done using data science methods. Data like prices, availability of water, proximity towards Metro, Hospital, Market etc. will be done by making use of data from various sources. The data will be clustered using a machine learning algorithm and the outcome will be presented using a dashboard application.

Targeted Audience:

The targeted audience is any individual or organization who intends to invest in the real estate of Bengaluru. This project enables them to get necessary insights from the analysis of data like Price Rates, Water Source, Proximity towards important venues like metro, hospital, grocery store etc. which are important for day-to-day life activities.

The investor would also get to know the important insights like Average prices of a land in Bengaluru. With the analysis of clustering, the investor would get to know which neighborhoods have their advantages and disadvantages while buying any plot of land in any area.

By the application of dashboard (which will be presented in the program), the investor can select the neighborhood of his desire and the important details like Price, Water Source, Population Residing and Proximity towards venues will be presented. Other important maps will also be presented.