Bengaluru Real Estate Data Analysis

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

Done by: Shravan Bharadwaj

Version: Week 4 Version 1

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 may be anyone or a stakeholder who wants to buy a plot of land in Bengaluru and doesn't know where to buy. Such audience can select which neighborhood in which he wants to buy a piece of land by looking at the various data of price per square feet, source of water, proximity towards various venues like metro, hospital, shops etc. and population residing in that area.