IBM Applied Data Science Capstone Project Week 4

Mumbai, The City of Dreams

Introduction

Mumbai (formerly known as Bombay) is the commercial capital of India. It is also known as the city that never sleeps and the city of dreams. It is the most populous city in all of India. Mumbai is located on an island off the west coast of India. The city, which has a deep natural harbor, is also the largest port in western India, handling over half of India's passenger traffic. It also has the highest number of millionaires and billionaires among all cities in India. Mumbai is home to three UNESCO World Heritage Sites: the Elephanta Caves, Chhatrapati Shivaji Maharaj Terminus, and the city's distinctive ensemble of Victorian and Art Deco buildings.

The city is the birthplace of Indian Cinema. Hindi cinema, often known as Bollywood and formerly as Bombay cinema, is the Indian Hindi-language film industry based in Mumbai. The term is a portmanteau of "Bombay" and "Hollywood". The industry is related to Cinema of South India and other Indian film industries, making up Indian Cinema- the world's largest by number of feature films produced.

However, all places are not perfect, and Mumbai has its fair share of issues and short comings. It suffers from the expansion of large cities leading to air and water pollution and overcrowding. Since it has a diverse society, the infrastructure pertaining to this diversity is vastly different. There are many infrastructures in Mumbai, each belonging to different categories like drinking water plant, hospitals, schools and hotels.

Business Problem

The following are the questions that are gong to be answered in the project.

1) What are the major infrastructure sites in Mumbai?
2) The top locations by way of design and infrastructure
3) What are the areas that have the hope for improvement in infrastructure in future?
4) Areas with poor infrastructure
5) Best places to stay with the required infrastructure needs