

# 1. Introduction/ Business understanding

## 1.1 Description of problem

Recently, the 13<sup>th</sup> edition of IPL (Indian Premier League) has been announced amid coronavirus pandemic and UAE has been chosen as the host country. The league is slated to commence from 19<sup>th</sup> of September, 2020. There has been ongoing discussion regarding the entry of audience in the stadium. The dataset of Dubai has been used to help the visitors of Dubai find places suitable for restaurant, hotel and so on during the IPL season.

## 1.2 Background of problem

Indian Premier League (IPL) is one of the most popular and highly valued league across the world particularly within cricket playing nation like India, Australia, England and so on. It is an India's version of T20 cricket league tournament. It gathers large audience in stadium and has huge viewership across cable TV and digital platform. Since, it is India's tournament it is mostly played in India. But in some extra ordinary condition, it is played in some other countries. This time it is UAE. UAE is also a cricket playing nation and has similar time zone as of India. Many games are slotted to be played in the stadium of Dubai as well. Dubai is located in the eastern part of the Arabian Peninsula on the coast of the Persian Gulf, Dubai aims to be the business hub of Western Asia. It is also a major global transport hub for passengers and cargo.

It is difficult for new traveler to find best places suited for them. So, using the foursquare API, I have performed various analysis on the data set of Dubai to find the best place for restaurant, hotels, parks and so on. This could help the new visitors of Dubai to get the overview of the places.