**City Guide: Paris**



**1. Introduction**

Paris is the capital and the most populous city of France. It is the second most expensive city in the world. Paris is best known for its museums and architectural landmarks. This city is home to some of mankind’s best knows works of art. Paris attracts lot of visitors and tourism comprises a major part of its economy.

**1.1 Background**

Paris attracts many tourists from around the world. Around 24.5 million visitors came to Paris in 2019. The largest number of foreign visitors are from United States of America (2.4 million) followed by the Great Britain (2.1 million). With many people visiting Paris throughout the year, there are many places one can explore in this beautiful city. Paris is well known for its museums, hotels and architectural landmarks. The city’s top tourist attraction was the Notre Dame Cathedral which welcomed 12 million visitors. Among many other monuments are The Eiffel Tower, Basilique du Sacré-Cœur and Arc de Triomphe. The museums in Paris hold some of the greatest works of art. The Louvre museum hosts the famous Mona Lisa created by Leonardo Da Vinci. The hotels in Paris provide one the best experiences. Paris is well known for its restaurants which provide a wide range of cuisines. With always so many things to explore and never run out of fun things to do in this city, it is difficult for everyone to explore all the places in Paris. So there should be a guide using which one can explore the maximum for the time one stays there.

**1.2 Problem**

With so many things to do and explore in Paris, it becomes difficult to explore all the places. In this project all the venues are clustered based on their categories. With this information one can plan to explore the different places depending on the number of days they will stay in the city. It can even be helpful to select a hotel fit for their budget. With a guide in hand they can easily cover the different kind of experiences this city has to offer.

**1.3 Interest**

This project will be especially helpful for those who will be travelling from another country, so that they can plan to visit the many places accordingly. This project can even be helpful to business people who might have only a few hours to explore the city before their flight time. They can have a glimpse of the venues which are near to his location so he can just spend few hours in experiencing the grandeur of this city.

**2. Data**

**2.1 Data Sources**

For the purpose of this project, we need the data of Arrondissements in the city of Paris. There are a total of 20 arrondissements in Paris. The tabular data containing the list of arrondissements along with their latitude, longitude, population density and other parameters are available on Wikipedia ([Paris Arrondissements](https://en.wikipedia.org/wiki/Arrondissements_of_Paris) ). This table does not contain the various venues in that region. For that reason we will use the help of Foursquare to get the location data of the venues we need in that location.