**Introduction/Business Problem**

**In this project, we will try to determine the most famous venues for Athens, Greece.**

**Athens, the capital and largest city of Greece, is one of the world’s oldest cities** with its recorded history spanning over 3,000 years. It was the center for arts, learning, philosophy and the birthplace of democracy, having a great cultural and political impact on the European continent. Athens is home to two UNESCO World Heritage Sites, the Acropolis of Athens and the Daphni Monastery. Because of its ancient monuments, works of art, landmarks and museums, Athens remains nowadays one of the most famous and attractive places for visitors from all over the world. As such, it would be interesting to explore the variety of venues around Athens and gain insights on the city’s most popular places. That would be very helpful for both tourists and travel officers to better plan their trips and provide more personalized offers, according to anyone’s needs. Furthermore, this analysis would be beneficial for business owners to better understand the different regions and select the appropriate place to open or relocate their business.

**Data**

The analysis will be performed with the help of Wikipedia, some Python libraries and Foursquare, the famous location data platform. Starting with the location, the regions of Athens will be acquired from Wikipedia and passed to “geopy” in order to return their coordinates (latitudes and longitudes). “geopy” does not provide information about every region in Athens but it is still very sufficient.

After that, we will get the venues for every region with the Foursquare API. A developer account has already been set, in order to acquire venue data for Athens. Then, we will perform the clustering analysis with “sklearn” library to find similar regions in terms of their venues and, finally, create a map of the regions and their corresponding clusters.