

# Analysis of the amenities around airports in the United States

## 1. Introduction/Business problem

The goal of this study is to analyze the amenities available around the busiest airports in the US.

The first part of the analysis consists of finding possible dependencies of such amenities on several factors. A possible factor is the geographical location of the airports. For instance, we might notice some differences in trends according to whether a given airport is located in a coastal area or not, or whether the airport is located in a warm area or a cold area. Another possible dependent factor is the amount of passenger traffic. We could imagine that some amenities might be more pronounced in areas with the most traffic.

The second part of the analysis consists of finding amenities that are possibly lacking at some airport locations.

The use of foursquare will come into play after gathering the necessary data, in order to fetch the available amenities around each airport considered.

This study may give indications to local authorities about which business to promote around their airport in order to develop the currently lacking amenities.