## **Introduction/Business Problem**

A group of people want to go to Philadelphia for a several day business trip, but they are not familiar with the areas, such as where to stay in, what restaurants are nearby, or grocery. A Philadelphia visitors guide for business tip purposes will be provided in this project. It includes a list of hotels, restaurants, grocery stores, cafe shops and parks in the center city area.

## **Data section**

By analyzing foursquare data of this city and venus to find business visitors best choices. This project will provide data in visualizing format such as maps, so customers can decide where to live, visit and what business are nearby from this project.

Data used in this project are extracted from Foursquare.com location data. Data are grouped by landscape area, and each area including information about this area including, cafe stores, restaurants, hotels, grocery store, hotels and parks.

Data collected for crime rate time during the day in Philadelphia are collected from Philadelphia police website crime maps and stats. This crime rate data analyzed crime numbers at different times during the day in each month and year.