**Project Name:** Truvel

**M/W Group 6:**

Prachi Khanna

Simret Goitom

Svitlana Balyuk

Stephanie Burr

**Motivation**: Using summary data analysis to assist consumers with selecting where to travel to.

**Main Question**: What are the best places to travel to based on customer travel preferences?

1. When do you want to travel?
2. How much do you want to spend?
   1. What are your interests?
      1. Family friendly?
      2. Visit several historical sites?
      3. Night life and restaurants?

**Data Sources**:

1. Google Places API
2. Open Weather Map API

Using Google Places API data which includes:

* Location / addresses
* Price levels
* User ratings
* User reviews
* Overall User Rating Total

We will use Open Weather Map API to answer what the weather is like for the cities for the time of year a customer wants to travel

We will explore other data sources as needed such as

Travel Advisor

Yelp

Kaggle data sources

**Example of Charts we plan to develop**:

We will develop a series of charts that illustrate the top cities to travel to based on some of the following characteristics:

* Based on weather
* Based on average costs
* Based on the number of 5 start hotels
* Based on transportation options
  + Public transportation?
* Based on top rated restaurants