# Coursera Capstone Project

# Reimagining ‘New Delhi’ for tourists

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**1. Introduction**

**1.1 Background**

The tourism industry for any major city around the globe is a major source of revenue for the city. In order for tourism industry to flourish, city need to make the experience of any tourist better. That can be done by facilitating better services around major tourist spots, reducing hassle and traffic, increasing number of restaurants and lodging establishments.

**1.2 Problem**

We need to determine the number establishments across various tourist places in New Delhi, in order to create a better experience for future tourists.

**1.3 Interest**

Various entrepreneurs and hotel chains along with the tourism industries will be highly interested in the business opportunities at the hotspots around the city.

**2. Data acquisition and cleaning**

**2.1 Data sources**

The longitude and latitude of New Delhi are taken from Google. Similarly there is no pre-existing dataset for the tourist places in New Delhi and hence those are composed manually.

**3. Methodology**

**3.1 Business Understanding**

We wish to understand the quality of service provided nearby a tourist spot.

**3.2 Exploratory Data Analysis**

Due to the nature of the problem, no exploratory data analysis or clustering is required, we simply wish to determine the quality of service.

**4. Results**

We can see that area around red fort have good public services but lack in quality restaurants and entertainment centres.