**Analyzing the neighborhood in Delhi to propose a location to setup a restaurant.**

**Applied Data Science capstone project.**

**Submission by:**

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**Brief Introduction:**

New Delhi has a rich tradition of food and cuisine. Being host to several communities and people who have made this beautiful city there home, it is a melting pot for varied taste buds from across the country. The innovation and experimentation in food and various cuisine and how Delhi streets almost always make any cuisine their own is just amazing. Having worked with a online food delivery for a couple of years. The variety and quality of food Delhi has to offer has always amazed me. The capstone project will help business owners to identify a new business opportunity of opening a restaurant in a neighborhood where opportunity lies.

**Data Source:**

**Venue Data.**

The Foursquare API was used to obtain the venue information. This data offers venue recommendations for all Delhi neighborhoods and is used to research the most popular venues in each.

**List of neighborhood data.**

Using web scrapping, the information regarding the neighborhood data was extracted from Wikipedia (<https://en.wikipedia.org/wiki/List_of_neighbourhoods_of_Delhi>). The read html() method is used to read the data into a pandas data frame.