# IBM Data Science Capstone Project

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**Battle of the Neighbourhood Project**
**(Restaurant Analysis of Hotels)**

# Introduction

**Background**

**Shanghai is a large international city, with millions of tourists visiting each year. It is one of the densest cities in the world, where over 20 million people live in the city, and another 300 million in the surrounding area.**

**It is advantageous to know where would be an underserved location in order to suggest where to open a restaurant.**

**Problem**

**For this case study we are investigating which hotels are closest to the best rated restaurant in Shanghai, and in theory, in the most popular area of the city. From those results we will find which restaurants types are the most popular around the hotels, in order to try find an opportunity to find a location that is underserved.**

**Who would be interested in this project?**

**Restaurant investors looking for data on locations to open a new restaurant. This project can also assist existing restaurants looking to change cuisine type.**