# Predicting an optimal location for a Hot Pot restaurant

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# 1. Introduction: Business Problem

## 1.1. Background

Chengdu is a UNESCO world food capital.Sichuan hot pot is the most popular and famous food in chengdu.Hotpot in sichuan is famous for its hemp, spicy, fresh and fragrant flavor. It comes from the people and is promoted to the temple. Whether it is menial servants, officials , literati , workers, or young men and women, the range of consumer groups and Consumption per capita are all higher than that of any other place.As a delicacy, hot pot has become the representative cuisine of sichuan and chongqing.

## 1.2. Problem

Datalization of the location of a hot pot restaurant can help analyze the location of a newly opened hot pot restaurant.Factors such as the number of hotpot restaurants in each block, the distance to the city center, and the data

of nearby shopping malls are available

## 1.3. Interest

Machine-learning algorithms can help investors choose a suitable address in chengdu to open a new hotpot restaurant