

# **Coursera**

**IBM Applied Data Science Capstone**

**Final Project**

## **Find Good Places for Selling Pizza in Bandung, Indonesia**

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## **1 Introduction**

Pizza is one of the most popular food in the whole world. A lot of people love to eat pizza, no exception to the city of Bandung. Bandung is known as the culinary city of Indonesia. People from around Indonesia often come to Bandung to enjoy the food.

The objection of this project is to choose which place would be most beneficial for someone who wants to sell pizza in Bandung City. The selection of the place is based on the number of pizza sellers around the area. The best place to sell pizza is the place where no pizza sellers around. This project will able to handle the question: "Where would be most beneficial if someone wants to sell pizza?".

## **2 Data**

The first data used in this project is the district data from Wikipedia ([https://id.wikipedia.org/wiki/Daftar\\_kecamatan\\_dan\\_kelurahan\\_di\\_Kota\\_Bandung](https://id.wikipedia.org/wiki/Daftar_kecamatan_dan_kelurahan_di_Kota_Bandung)). The table consists of a larger district (*Kecamatan* in the Indonesian Language) and a smaller district (*Kelurahan* in the Indonesian Language). Bandung City has 30 *Kecamatan* and 152 *Kelurahan*.

The second data is data of longitude and latitude of each *Kelurahan* Head Office from official Bandung City Governor (<http://data.bandung.go.id/dataset/0ac32316-8450-4064-b7f2-48049439ff5e/resource/6a568b69-5e41-4ea0-80ca-0487341fe9f3/download/koordinat-dan-ketinggian-kantor-kelurahan-di-kota-bandung-2014.csv>)

The last data is data of pizza sellers around each *Kelurahan* head office. This data is collected from foursquare.

## **3 Methodology**

## **4 Results**

## **5 Discussion**

## **6 Conclusion**