

Capstone Project

IBM Applied Data Science

Opening a Sushi Restaurant in Buenos Aires

by
Agustin Ramirez
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Introduction

Buenos Aires is the capital and largest city of Argentina. It is a multicultural city, being home to multiple ethnic and religious groups. Several languages are spoken in the city in addition to Spanish, contributing to its culture and the dialect spoken in the city and in some other parts of the country.

This is because since the 19th century the city, and the country in general, has been a major recipient of millions of immigrants from all over the world, making it a melting pot where several ethnic groups live together and being considered one of the most diverse cities of the Americas.

The city is divided into 48 barrios (neighborhoods) for administrative purposes.

Buenos Aires is not traditionally known for its Asian food, meat is more the order of the day. There are thousands of non asian restaurants to choose from, but the Asian cuisine, even though is growing consistently, doesn't have the representation it could. In recent years the number of asian restaurant, by it sushi, ramen, Thai, etc, has augmented, but I think it could be a good project for a developer to invest in one of these different categories.

Business problem

A developer is looking to invest and open a new sushi restaurant in the city.

This project, using data science methodology and machine learning, will help analyze and select the best location for it.

Which neighborhood lacks sushi restaurants?

Which neighborhood would be the best option for opening one?