

## Introduction

### Problem Description

This project is a preliminary study about establishing the better location to open a new restaurant in Buenos Aires, Argentine. To accomplish this, the city will be divided into its traditional neighbourhoods.

As a first criterion in the selection, competition should be taken into consideration. Accordingly, the neighbourhoods presenting a lower amount of restaurants will be preferred.

As a second criterion, potential attendance is of interest. In this case, neighbourhoods with a bigger population will have an advantage. However, there is also the factor of public transportation, which helps in letting people living further from a neighbourhood to potentially travel to it and eat at a restaurant there.

The question is, therefore, which neighbourhood has less restaurants, is more populated and better connected? Its answer is crucial for entrepreneurs in the field of gastronomy.

### Background

The Autonomous City of Buenos Aires (or simply Buenos Aires) is the capital city of Argentina and also the largest one in this country. This is in the South American continent, with the city placed on the western shore of the estuary Río de la Plata. It is included in the Greater Buenos Aires, which comprises an urban conglomeration with the fourth biggest population in the Americas. The city is an autonomous district, not being a part of the province of the same name which surrounds it by land. Internally, Buenos Aires is subdivided in communes, that serve some administrative purposes and, at the same time, it is traditionally divided in forty-eight neighbourhoods.

Presenting one of the highest living qualities in South America, a numerous population and brimming with tourism, this multicultural city offers an attractive prospect to anyone interested in the gastronomical business.