

## INTRODUCTION / BUSINESS PROBLEM

Guadalajara is the second most important city in Mexico, and is famous for tequila and mariachi music. Guadalajara combines colonial and modern architecture with perfect harmony, and a name has been forged as one of the main tech hubs in Latin America.

I have lived in Guadalajara for almost thirteen years, and my project is to rate their different neighborhoods based on my criteria, so that a person interested in moving to Guadalajara receives some guidance on the best neighborhoods.

This is the methodology: a dataset will be obtained with different venues as features and the number of occurrences as values, and neighborhoods as indexes. Then I will rate some neighborhoods I know with one, two, three, four or five stars, depending on how good the neighborhood considers. A classification model will be trained with that dataset, and will be used to rate the rest of the neighborhoods, which I do not know and cannot qualify a priori.