

Using Machine Learning to find out best restaurant to Lviv(Ukraine) (IBM Capstone Project)

Introduction and Business Problem

Introduction: The city of Lviv, Ukraine is the largest city in western Ukraine and the seventh-largest city in the country overall, with a population of 724,241 as of 2020. Lviv is one of the main cultural centers of Ukraine. Mysterious and architecturally lovely, this Unesco-listed city is the country's least Soviet and exudes the same authentic Central European charm as Krakow once did. It's also a place where the candle of Ukrainian national identity burns brightest. Simply put Lviv is just one of the most beautiful and tourist city in Europe yet underrated. For people that are new to Lviv, due its geographic size, it can be daunting to figure out what restaurants are worth going to given the high number of restaurants and bars. For people who live or visit Lviv, how to know what are the best places to get delicious meal or drinks ?

Business Problem: For this project, I am going to create a simple guide to help users to choose which restaurant fit the best their needs based on Foursquare data: *number of likes obtained by the restaurants on the Foursquare platform, restaurant's category and geographic location in Lviv.*