Coursera Capstone Project : Applied Data Science

1. Introduction

Openning cafe in metropolitans has been favourite invesment tools of investers for too long years now.

Likewise to that, this bussiness sector has been mostly chosen by the investers, but not all this invesment story ends well.

2. Business Problem

"Especially, during the pandemic period(2019-2020-2021), 25% of Cafe's has closed due to economic reasons in Istanbul Turkey" said Kaya demirer who is the president of Tourism Restaurant Investors and Gastronomy Enterprises Association's.

Despite the fact that pandemic effect is the main reason of this problem, even before pandemic, in some neighbours, it is commen to see owners of shops has been changed 4-5 times per year.

'One of every two restaurants opened in Turkey closed in its first year' said Korhan Erçin who is the sales director of Yemeksepeti.

Yemeksepeti is an online food delivery company and currently operates in 70 cities in Turkey and in Cyprus, with more than 35,000 member restaurants, 18 million users, and 520,000 daily orders.

In my opinion, especially when taking into account of development in Data Science tool and its application,it will be beneficial for the future investers to observing cafe's and restaurants data from the perspective of Data Scientist.

3.Data

In order to analyze cafe's in Istanbul we will need;

1. Neighbours in Istanbul
2. Longtitude and Latitude of Istanbul's Neighbours
3. Restorants and Cafe's in Istanbul's Neighbours and theirs Locations

Luckily, I've found first too in same csv file in github, after researching of Istanbul's Neighbours data. For the third, we will connetc to foursquare developers interface with developers api.

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