

## **INTRODUCTION/BUSINESS PROBLEM**

Lagos is Nigeria's largest city. With a land mass of  $1,171\text{ km}^2$ , the metro area population of Lagos in 2020 is 14,368,000, a 3.34% increase from 2019. The metro population of Lagos in 2019 was 13,904,000, a 3.28% increase from 2018. Over the past five years, Lagos has recorded a minimum of 3% population increase. This steady increase in population has been an attractive factor business investors in the area. However, one of the major challenges in determining the best strategic position to locate a business, and this is crucial for the success or failure of a business. Accusing key factors and data analytical tools we visualise and determine the best locations to locate a restaurant in the area.

## **DATA**

A list of all the neighbourhoods in Lagos, Nigeria can be found here <https://www.finelib.com/cities/lagos/areas-and-suburbs>. The Geocoder python library will be used to obtain longitude and latitude coordinates, and the FourSquare API will be used to collect venues for each neighbourhood for analysis.