Coursera Capstone Project: IBM Data Science

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1 Introduction and Business Problem

Lusaka is the capital city of Zambia and is the Largest city by population in the county. As of 2020 It has a population of about 2,774,000 people according to Macprotrends.net. Being the most populous city there is need to properly plan how institutions of learning are located. One of the challenges parents face with growing traffic is finding the nearest schools to take their children to. This project intends to identify areas where schools are located further away. Information from this research can be used by families with school going children when planning which areas to settle, the government when identifying which areas to build more schools or private investors who may intend to venture into private schools to bridge the gap in neighborhoods without schools.