
Applied Data Science Capstone Project

Exploring and Analyzing Neighborhoods in Charlotte, North Carolina



IBM Data Science Professional Certificate

The IBM Data Science Professional program consists of 9 online courses that provide exposure to data tools and skills including open source tools and libraries, Python, databases, SQL, data visualization, data analysis, statistical analysis, predictive modeling, and machine learning algorithms.

This Professional Certificate has a strong emphasis on applied learning.

Introduction

Charlotte is the most populous city in the state of North Carolina.

A real estate development client has commissioned phase one data analysis of nineteen Charlotte neighborhoods with the goal of determining the most popular venues in each area. This client is exploring the feasibility of starting a business venture in Charlotte. However, they want to know which venues are currently successful and where they are located. This information will allow them to perform a phase two deep dive analysis.