
Applied Data Science Capstone Project

“Exploring and Analyzing Neighborhoods in Charlotte, North Carolina
Using Location Data”



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

Introduction: Discuss the business problem and who would be interested in this project.



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Data

Data: Describe the data that will be used to solve the problem and the source of the data.

Methodology

Methodology: The main component of the report where you discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, if any, and what machine learnings were used and why.

Results

Results: Discuss the results.

Discussion

Discussion: Discuss any observations you noted and any recommendations you can make based on the results.

Conclusion

Conclusion: Conclude the report.