**BATTLE OF THE NEIGHBORHOODS**

***Schools govern Relocation to New Place- Myth or Reality: Case Study of Charlotte Area, NC***

**Introduction**

*The Battle of the Neighborhoods* is a capstone project for Coursera and IBM’s *Data Science Specialization*. This project encompasses the vision of the Data Scientist to portray the tools learned during 9 courses on *data analysis* for the certification. One of the requirements is to use Foursquare location to explore and solve the neighborhood analysis using clustering method.

**Background**

*“Schools govern Relocation to New Place- Myth or Reality: Case Study of Charlotte Area, NC”* is a project taken to understand how the schools affect the relocation to a new place/ neighborhood. Charlotte area is known for its Banking jobs and the increase of financial institutions making Charlotte and its surrounding areas, their financial headquarter.

**Business Problem**

The goal of this project is to find a neighborhood for a person relocating with his family to Charlotte, NC. A family man requires an easily accessible neighborhood with some good schools. Certainty and uncertainty of renting or owning a house revolves around a good neighborhood. Estate agents try to their potential to sell houses that are most profitable to them. Personally, having a little insight about the area and its neighborhoods can help the family plan their relocation smoothly.

This study is an attempt to find such a neighborhood for a family with school going children.