**Coursera Applied Data Science CAPSTONE**

**Introduction/ Business Problem**

Charlotte, NC and Austin, TX are two of the fastest growing metropolitan areas in the United States over the last 5 years. Their growth has been driven by growing economic sectors in finance, technology and health care.

These two cities represent the opportunity to consider what other factors are driving their growth. For the purpose of this CAPSTONE, a focus on exploring the neighborhoods in these cities to determine what other factors provided within the neighborhoods may be contributing to this growth.

Analyzing the neighborhoods of these two cities will allow a comparison to see if they have similarities that is driving this growth and make recommendations for other cities of similar size to include in their city strategic growth plans.

**Business Problem**

Compare the neighborhoods of Charlotte NC and Austin TX to see if neighborhood similarities exist that could be a main factor in contributing to the growth of a city.

Determine the types of neighborhoods for each city, explore services ( restaurants, entertainment, health, transportation) that impact a neighborhoods rating

Find at least 5 neighborhoods in each city and compare and contrast the neighborhoods.

Develop a business case based on these comparisons to recommend specific services that should be built into a cities strategic growth plan.