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Problem Statement:

Why has Charlotte's population growth surpassed that of San Francisco, CA?

- Look at unemployment rates and trends for both cities
- Examine poverty and crime rates
- Average cost of living and salaries
- How has housing changed with big businesses relocating their HQ to Charlotte?
- Can we expect Charlotte, NC to start increasing the cost of living?
- Which variables are deterrents

Data Sources: Bureau of Labor Statistics, [Link](#), US Census Bureau

Strategy and Metrics:

- Goals of analysis; hypothesis
- To determine what variables are causing population growth in Charlotte, NC that lead to the outpacing of San Francisco, CA.
- Examine data from BLS and US Census to determine which parameters people consider when making a decision to move to Charlotte.

Data Analysis Description of Tools Planning to be Used:

- API keys to pull in data
- Pandas to analyze the data
- Matplotlib to create visuals that illustrate findings
 - Use previous trends to extrapolate and forecast data regarding the increase cost of living, poverty, and unemployment
- Summary statistics to interpret the meaning of our findings and which parameters prove to show more significance when making a decision

Data Products Project will Produce:

- Summary tables, graphs (plots and heatmaps), statistics of unemployment data and average income