Project Title: Growth and Change in Data related position (2019)

Team Members: Will Copeland, Han Yang, Shilpa Muralidhar

Project Description/Outline: We would like to use the Department of Labor (Bureau of Labor Statistics) API to do an analysis of data related jobs. In this analysis we aim to look at skillset market values in data analytics, data science and data engineering in the US as a whole, Texas, and then Houston specifically.

Research Questions to Answer:

-What are the common skillsets?

-What are the uncommon skillsets that set data analysts apart?

-What skillsets correlate with higher pay?

-How strong are those correlations?

-Which sectors are hiring the most data jobs?

-Which sectors are using which skillsets?

-What are some projections we can make about the future of this field?

Datasets to be used: [Department of Labor (Bureau of Labor Statistics) API](https://www.bls.gov/developers/home.htm)

Breakdown of Tasks: We plan on dividing up work once we have time to review the dataset and fine tune our research questions.