1. **Project Title: How to get a job for Data scientist?**
2. **Team Members: Amy Guan, Kanjicai (Brock) Dong, John Boer**
3. **Project Description:**

Due to the job the challenging markets, we are interested to look at the history datasets to see what we can learn from the history data set.

1. **Research Question to Answer:**

List of questions:1) Geographical distribution2) Qualification Educational background: degree / major Technical / hard skills in general: Soft skills in general:3) Full-time / part time / contractor4) Industry division Specific skills different industries are focusing on?

Healthcare

Business management / Business consulting

Ecommerce

IT

Engineering

Pharmaceutical

Media / Entertainment

Education / Research

Government

5) Job market comparison for the last few years

6) Salary exploration

General stats vs DS titles

Salary variation across industries

Temporal evolution of the salaries

1. **Datasets to be used**
2. Data Scientist Job Market in the U.S. (Aug 2018)

An outlook at data science job market in the U.S. in Aug 2018.

1. 10000 Data Scientist Job Postings from the USA (Feb 2019)

Data Scientist job data from USA crawled via Job seeker

1. Data Jobs Listings – Glassdoor (Dec 2019)

160+k Data Related Job Listings Extracted from Glassdoor

1. **Rough Breakdown of Tasks**

* Data cleanup
* Data merge (optional)
* Data process (subset, re-org, etc.)
* Data analysis
* Data graphic presentation
* Conclusion