**Sons of Analysts**

**Project Title:** Outlook on Data Science U.S. Job Market

**Team Members:** Winnie Yim**,** Ryan Jones**,** Eddie Baquet **&** Aravind Selvan

**Data Sources:**

* Kaggle: https://www.kaggle.com/jobspikr/data-scientist-job-postings-from-the-usa
* Google Map API for heat map: <https://developers.google.com/maps/documentation>
* LinkedIn.com
* Amazon.com
* Glassdoor.com
* Monster.com
* Indeed.com

**Strategy and Metrics:**

* Heat map on Job location distribution over the US
* Average job Salary by category
* Average Salary vs years of experience
* Average Salary based on State
* Summary statics
* Word Cloud based on Top Job Skills
* Word Cloud based on years of experience
* Job opening over the years

**Rough Breakdown of Tasks:**

* Exploration for data sources
* Strategy and metrics to look for from the data
* Bring in the data
* Clean-up of the data
* Build the required Data Frame’s
* Analyse for trends
* Acknowledge the limitations in the data
* Summarization of major findings
* Develop Presentation

**Breakdown of Activities:**

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Owner | Due Date | Completed Date |
| Cleanup of data relevant to Data Scientist | Initial data frame cleanup together as group  Individual cleanup on task to complete |  |  |
| Chart Salaries vs Job category/Industry | Aravind S |  |  |
| Chart Salaries vs Job title | Aravind S |  |  |
| Heat map on Job Density, Salary | Ryan J |  |  |
| Chart on skills | Winnie Y |  |  |
| Chart on Job board | Winnie Y |  |  |
| Word cloud on Job skills from job description | Eddie B |  |  |

Repo URL: <https://github.com/Jonsey1696/Sons_of_Analyst>

Project Description: