1. URL of GitHub repository for the project

: <https://github.com/mimanjh/426_final>

This is a private repository, so we sent out an invitation to Dr. Tass. If the invitation expired, please let us know through [jacob.hunsaker96@gmail.com](mailto:jacob.hunsaker96@gmail.com) and we’ll get her access right away.

1. URL of a project image (or upload the image separately)

: Uploaded separately (FAANG.jpg)

1. Project Title

: STEM Compensation of FAANG

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable Name | Type of variable | Mean | SD | Count |
| totalyearlycompensation | Target | 270125.00 | 158051.60 |  |
| yearsofexperience | Continuous | 7.23 | 5.77 |  |
| yearsatcompany | Continuous | 2.26 | 2.60 |  |
| basesalary | Continuous | 147161.75 | 147161.75 |  |
| bonus | Continuous | 23102.57 | 30535.35 |  |
| company\_Amazon | Categorical |  |  | 8226 |
| company\_Apple | Categorical |  |  | 2055 |
| company\_Netflix | Categorical |  |  | 268 |
| company\_Facebook | Categorical |  |  | 3004 |
| company\_Google | Categorical |  |  | 4367 |
| title\_Mechanical Engineer | Categorical |  |  | 129 |
| title\_Product Designer | Categorical |  |  | 464 |
| title\_Product Manager | Categorical |  |  | 1472 |
| title\_Recruiter | Categorical |  |  | 216 |
| title\_Sales | Categorical |  |  | 139 |
| title\_Software Engineer | Categorical |  |  | 11490 |
| title\_Software Engineering Manager | Categorical |  |  | 1138 |
| title\_Solution Architect | Categorical |  |  | 407 |
| title\_Technical Program Manager | Categorical |  |  | 572 |
| Masters\_Degree | Categorical |  |  | 4336 |
| Bachelors\_Degree | Categorical |  |  | 2916 |
| Doctorate\_Degree | Categorical |  |  | 751 |
| Highschool | Categorical |  |  | 86 |
| Some\_College | Categorical |  |  | 76 |

1. Variable Descriptions
   1. totalyearlycompensation:
   2. yearsofexperience
   3. yearsatcompany
   4. basesalary
   5. bonus
   6. company\_Amazon: binary variable of whether the company is Amazon or not (1,0)
   7. company\_Apple: binary variable of whether the company is Apple or not (1,0)
   8. company\_Netflix: binary variable of whether the company is Netflix or not (1,0)
   9. company\_Google: binary variable of whether the company is Google or not (1,0)
   10. company\_Facebook: binary variable of whether the company is Facebook or not (1,0)
   11. title\_Mechanical Engineer
   12. title\_Product Designer
   13. title\_Product Manager
   14. title\_Recruiter
   15. title\_Sales
   16. title\_Software Engineer
   17. title\_Software Engineering Manager
   18. title\_Solution Architect
   19. title\_Technical Program Manager
   20. Masters\_Degree
   21. Bachelors\_Degree
   22. Doctorate\_Degree
   23. Highschool
   24. Some\_College