

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or neural network structure.

WELCOME TO THE ML/AI CLUB

WHO ARE WE?

- A group interested in all aspects of AI
- Our interests are focused on:
 - Technical Implementations
 - Social and Ethical Implementations
 - New use cases for the technology

WHAT IS THE CLUB ABOUT?

- Group to talk AI and Data Science with
- Place to learn skills and meet people that will motivate you
- Place to brainstorm
 - Project ideas, problem solving, etc..
- Place to meet people to collaborate with



WHAT IS ML AND AI?

- Mathematical models that generate an expected output from a given input - $y = mx + b$
- Large number of algorithms and techniques for various problem types and input data
- We will be covering all of the following:
 - Natural Language Processing
 - Numerical Data Processing
 - Image Processing



WHY ML AND AI?

- Incredibly high demand for skills
- Super cool and fulfilling
- If you have a computer and free time, you can practice anywhere (as opposed to robotics or team based club)
- Very well paying
- Pays super well

DATA SCIENCE SALARIES

Data Scientist Salaries

3,703 Salaries Updated Sep 5, 2018

Industries



Company Sizes

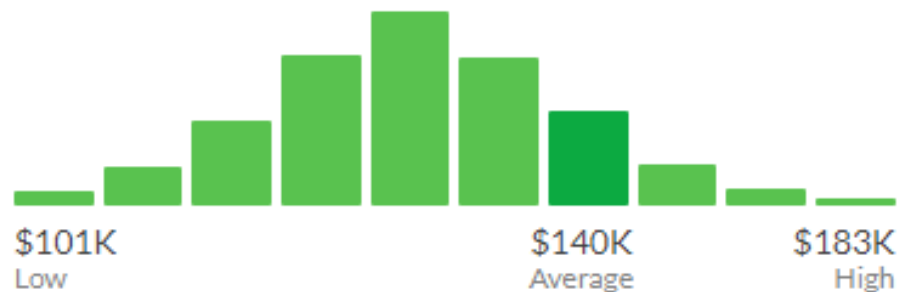


Years of Experience



Average Base Pay

\$139,840 /yr



Additional Cash Compensation ?

Average \$13,055

Range \$4,393 - \$30,729

How much does a Data Scientist make?

The national average salary for a Data Scientist is \$139,840 in United States. Filter by location to see... [More](#)

MACHINE LEARNING SALARIES



Machine Learning

Microsoft

1 employee salary or estimate

About
\$167K - \$182K

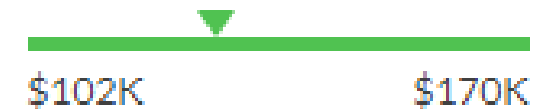


Machine Learning Scientist

Amazon

14 salaries

\$130,000/yr



Machine Learning Engineer

179 salaries reported

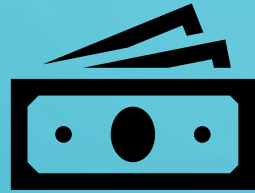
Machine Learning Engineer jobs in New York, NY

\$146,238 per year



INDUSTRIES UTILIZING ML/AL

- Finance
- Healthcare
- Defense
- Advertising
- Transportation
- Energy
- Actually every single industry



SEMESTER GOALS

- Learn Python
 - Provide opportunity to build skillset required for Algorithm implementation
- Learn Data Pipelines
- Learn Algorithm Implementation
- Stay up to date on relevant news events regarding AI and societal implications

LEARNING PYTHON

- 6 week program to learn everything you need
 - 6 weeks max
- Learn everything you need to be dangerous
- Build a confident skillset that will make you hireable by any firm
- Build foundation and passion to want to learn more independently



LEARNING ALGORITHMS

- Meeting structure
 - 45 min high level overview
 - Code breakout afterwards for those interested
- Github
 - <https://github.com/AIClubUA>
 - Will be posting all meeting presentations and tons of other resources
- Presentation of research papers

NEXT WEEK:

- Algorithm Implementation:
 - 9/10 – Recurrent Neural Nets to Classify Toxic Comments
- Python Basics:
 - 09/13 – Introduction to Python Syntax

The background is a blue gradient with decorative white circuit-like lines in the corners. The text "THANK YOU FOR COMING!" is centered in a bold, white, sans-serif font.

THANK YOU FOR COMING!