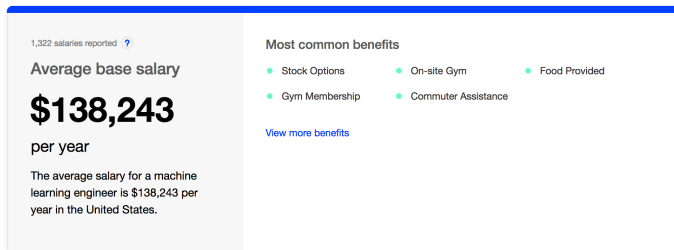# BIOS534 - Introduction

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Machine Learning Jobs

How much does a machine learning engineer make in the United States?

1,322 salaries reported ?

Average base salary

$138,243

per year

The average salary for a machine learning engineer is $138,243 per year in the United States.

Most common benefits

- Stock Options
- On-site Gym
- Food Provided
- Gym Membership
- Commuter Assistance

View more benefits

Software Engineering Jobs

According to businessinsider.com

Cisco Systems

Brocade Communi… Systems

Apple

PayPal

Arista Networks

Google

- Cisco: $130,221. Thomson Reuters. ...
- Brocade: $132,036. Glassdoor/Brocade. ...
- Apple: $138,300. Steve Kovach/Tech Insider. ...
- PayPal: $146,795. Thomson Reuters. ...
- Arista: $151,648. NYSE. ...
- Google: $164,683. AP. ...
- LinkedIn: $170,839. Getty Images/Mandel Ngan. ...
- Facebook: $177,014. REUTERS/Robert Galbraith.

$ Business Intelligence Analyst Salaries in the United States

Salary estimated from 1,134 employees, users, and past and present job advertisements on Indeed in the past 36 months. Last updated: January 5, 2020
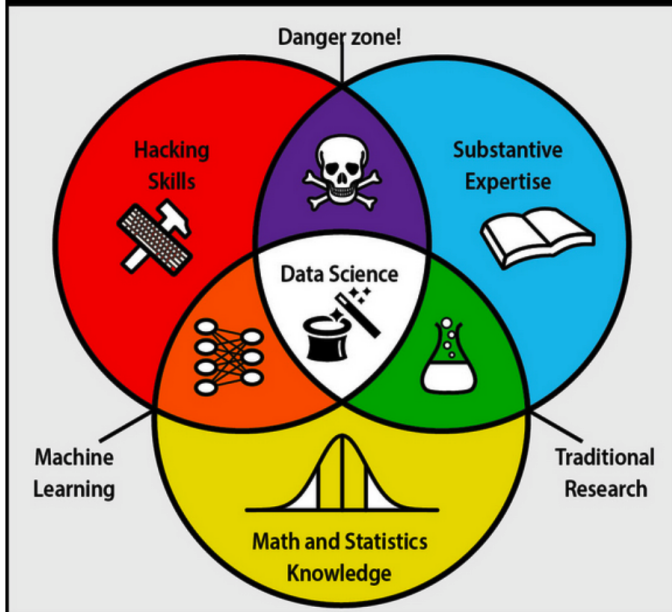
Location

United States ▾

Average salary

$92,557 per year

Salary Distribution

$32,000 $183,000

Data Science

Goals

BIOs 534 Is A Machine Learning Class

- First Part of The Semester Relates To Theory And Explanation

- Second Part Relates To Practical / Hands On

- The Course will involve R and Python

Which Language

- First Part of The Semester Relates To Theory And Explanation

- Second Part Relates To Practical / Hands On

- The Course will involve a mixture of Python and R

R Vs Python

Which Language

- https://www.datacamp.com/community/tutorials/
  r-or-python-for-data-analysis

- https://www.linkedin.com/pulse/
  r-vs-python-clash-titans-stephen-pittard/

My Opinion

- R was and is a statistical framework first and foremost
- Concerns for being a programming language came later
- R Graphics are good (4 different graphics packages)
- The tidyverse has made R very popular
- Many helpful packages have been created
- You can be a good user of R without having to write packages
- Until the Shiny package, R had bad support for creating Web apps

My Opinion

- Python was and is a programming language first and foremost

- Statistical capabilities came later

- Easy to learn (taught in coding camps for kids)

- Python graphics were okay but have steadily improved

- Easy to deploy web apps

- Package management can be a pain