There is No Place for model.fit() Data Scientists

https://medium.com/@mSchmitz_/there-is-no-place-for-model-fit-data-scientists-401f63bae7fb

What it means to do Data Science ?

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from noisy, structured and unstructured data, and apply knowledge and actionable insights from data across a broad range of application domains.

https://en.wikipedia.org/

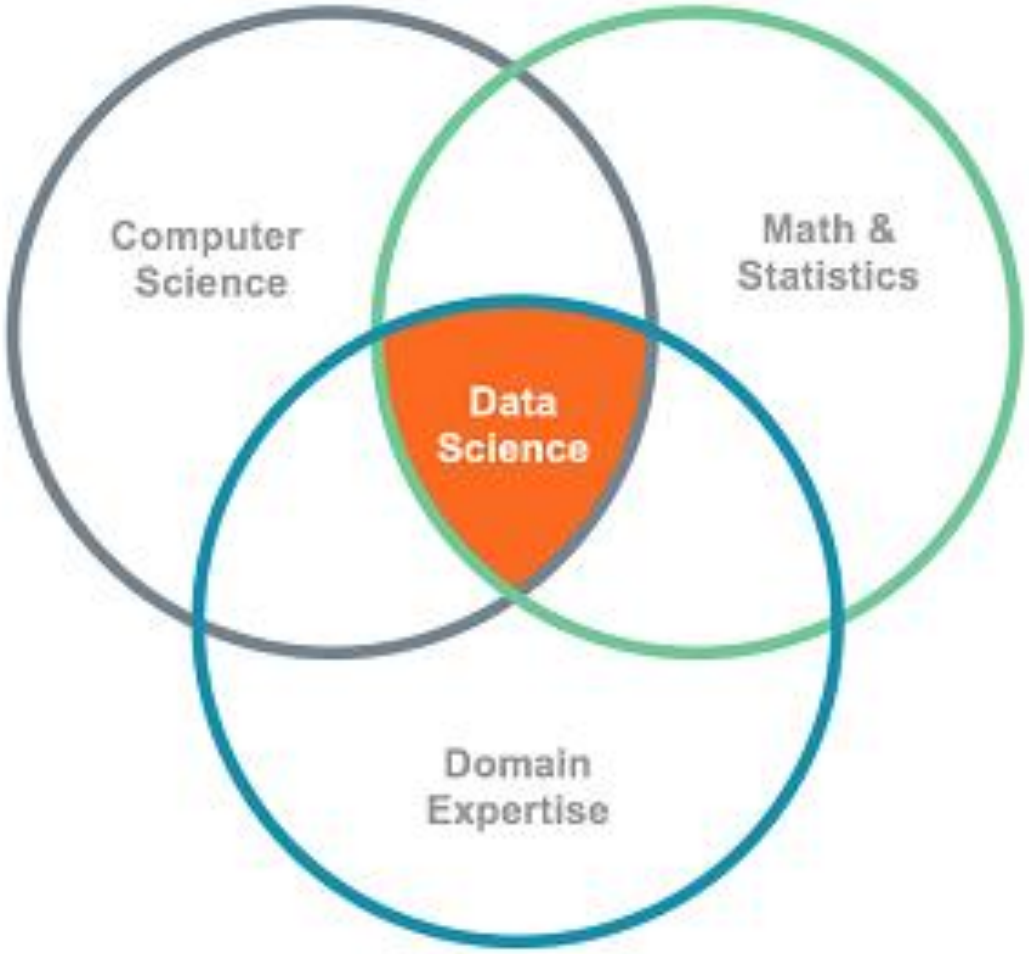

Image Source: https://insidebigdata.com/2017/07/27/defining-data-science-landscape/

A **data scientist** is someone who creates programming code and combines it with statistical knowledge to create insights from data.

https://en.wikipedia.org/

What it involves ?

- Step 1: Understanding the Problem
- Step 2: Data Extraction
- Step 3: Data Cleaning
- Step 4: Exploratory Data Analysis
- Step 5: Feature Selection
- Step 6: Incorporating Machine Learning Algorithms
- Step 7: Testing the Models
- Step 8: Deploying the Model

Source: https://hevodata.com/learn/data-science-modelling/

Basic Skills

- Statistics and Probability
- Programming Skills
- Data Visualization Skills
- Modelling (Machine Learning/Deep Learning/Natural Language Processing/Reinforcement Learning/....)
- Communication Skills

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From where to start ?

- **Statistics**
  - *We can only be a tool expert without understanding the data*
    - *3 Reasons Why Data Scientists Should Learn Statistics Well*

- **Data Visualization**
  - *“A picture tells a thousand words,” said Frederick R. Barnard in 1921. Or in this case –“A picture is worth thousands of lines of data.”*
    - *Why every data aspirant should learn Data Visualization?*