Python for Data Science

How to Leverage Your EDW

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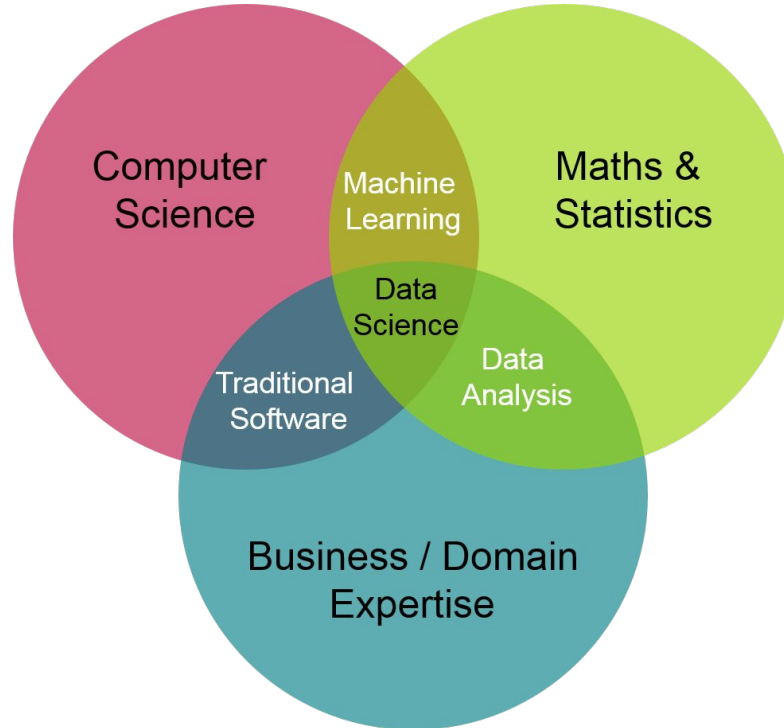
Venn Diagram

Data Engineer

Data Analysts

Computer Science

Maths & Statistics

Machine Learning

Data Science

Traditional Software

Data Analysis

Business / Domain Expertise

Business Analyst

Data Science Life Cycle

Data Science Process

Define the Questions · Get the Data · Explore the Data · Model the Data · Interpret the Results · Evaluate the Impact of the Results

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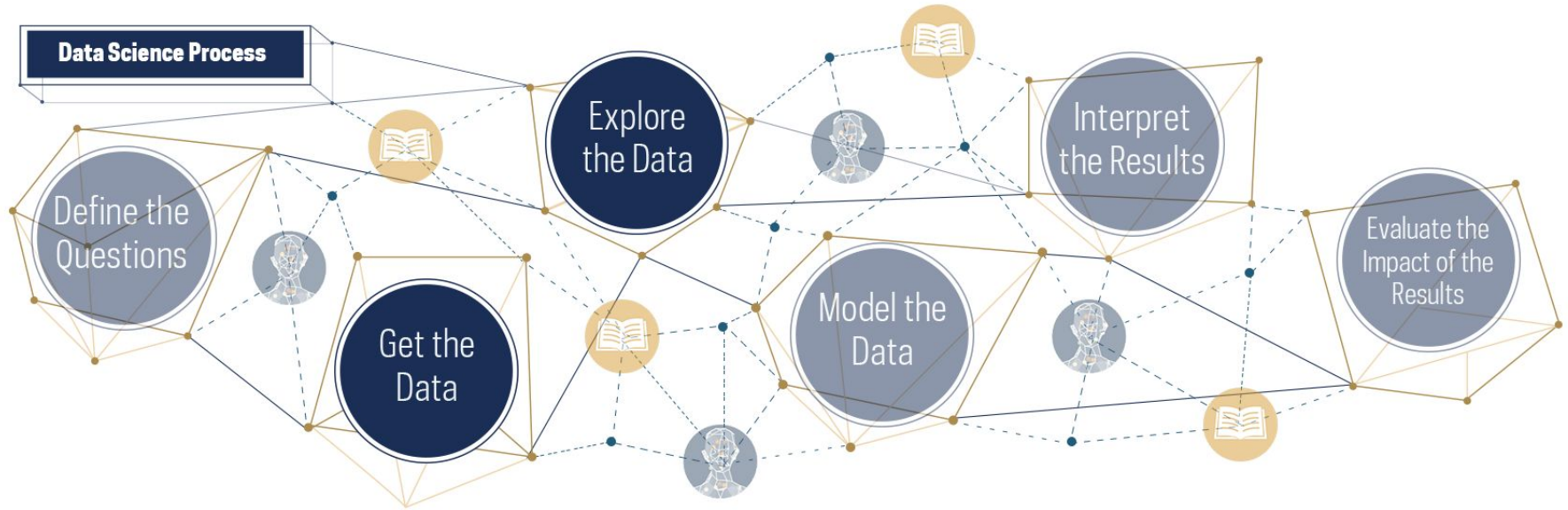Courtesy: Notre Dame MS Data Science

Why Python

- Widely used by Data Scientists to do both predictive and regular data analysis
- Easy to learn
- Has a large community of users
- Many open source libraries
- Python has popular application frameworks for publishing projects online

https://github.com/smathewsnd/ndhedw