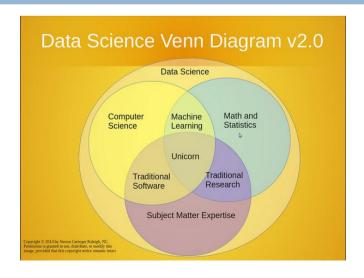
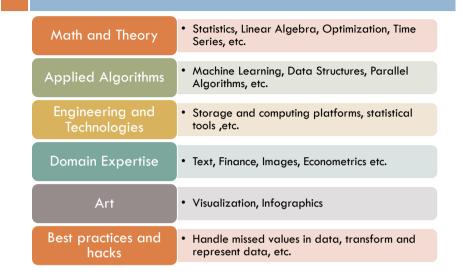
2. What is data science?

A Mashup of disciplines

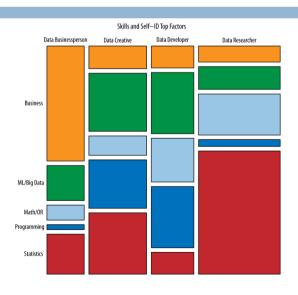
Yet Another View



A mashup of disciplines



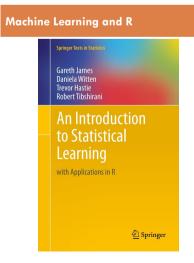
Types of Data Scientists

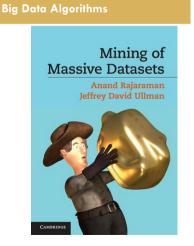


3. About this course

A mix of theory and practice

Textbooks are available online

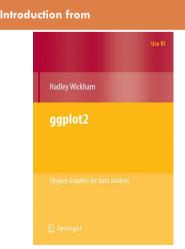


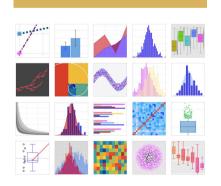


What you are expected to know

- Data is represented as a matrix
 - Basic linear algebra
- □ Most problems are not well-defined/uncertain
 - Basic probability and statistics
- □ Big data requires non-trivial data structures and algorithms
 - Basic data structures and algorithms concepts
- Practical means programming
 - Basic Programming skills

Visualization

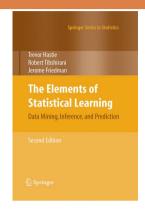




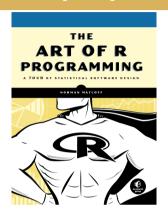
On-going examples

For curious minds

More on Machine Learning



More on R Programming



Becoming a data scientist

Data Scientist Skills



Quick Hacks/Examples

