

01 - Introduction to Data Mining

CSC314 - Data Mining

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Outline

1 Big Data and Data Mining

2 Data

Big Data

Big data is like teenage sex;
everyone talks about it,
nobody really knows how to do it,
everyone thinks everyone else is doing it,
so everyone claims they are doing it.
—*Dan Ariely, Duke University*

Data Mining

- Multi-Discipline
- Extract Features and Patterns from Large Amounts of Data
- Set of Techniques to Filter Irrelevant Data
- Discover Relevant Data
- Intersection of Multivariate Statistics, Machine Learning, and Data Visualization

Core Skills

- Linear Algebra
- Statistics
- Computer Programming

Change Decks

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