



Data Mining

- **Data mining** is the process of semi-automatically analyzing large databases to find useful patterns
 - Similar goals to machine learning, but on very large volumes of data
- Part of the larger area of **knowledge discovery in databases (KDD)**
- Some types of knowledge can be represented as rules
- More generally, knowledge is discovered by applying machine learning techniques on past instances of data, to form a **model**
 - Model is then used to make predictions for new instances