Database Design and Implementation

CS 645

Data understanding
How do we get insights from data?

- Scalability
- Automation
- Correctness
- Usability
Paper-focused topic
• Tools to support visual analysis
• Help do that at scale
• Can we help users identify interesting ones quickly?
• How correct are claims based on data?
• Are the insights sensitive to manipulation?
• Can we automatically counter claims?
Paper-focused topic
Are tools for automating discoveries harmful?

Is data analysis democratized, or do you need to be a statistician?

How can we avoid misuse?