Data Science

What is a data scientist?

"Data scientists are a new breed of analytical data expert who have the technical skills to solve complex problems – and the curiosity to explore what problems need to be solved. They're part mathematician, part computer scientist and part trend-spotter. And, because they straddle both the business and IT worlds, they're highly sought-after and well-paid. Who *wouldn't* want to be one?" - SAS Institute, Inc.

Why consider a career in data science?

- The New York Times called Data Scientists the "magicians of the Big Data era"

- Computer World labeled data scientists as "arguably one of the hottest jobs on the market"

- The Harvard Business Review labeled "data scientists" as the sexiest job of the 21st century

- The Department of Homeland Security is in dire need of intelligent analysts who can interpret information, uncover possible clues, and help solve or prevent homeland security-related crimes – so help protect our nation!

- The computer science pipeline is not producing enough data science professionals – so plenty of job opportunities out there!

- According to the 27th edition of the *Jobs Rated Almanac*, is the #6 best job to have in 2015, with an average median income of $124,419.

Why Study Data Science at TTU?

- TTU offers graduate programs (MS and PhD) in Knowledge and Data Discovery

- Opportunities with faculty who have done research with the Department of Homeland Security, National Science Foundation, and the National Institutes of Health.

- Opportunities to work in TTU's Knowledge Discovery Lab.

- Ties to companies in industry looking to hire our students for data science positions.