



New for Fall 2022: B.S. in Data Science



**2020 AVERAGE
ANNUAL SALARY**
\$103,930

**JOB GROWTH
THROUGH 2026**
27.9%

*Bureau of Labor Statistics, U.S. Department of Labor,
www.bls.gov/oes/current/oes152098.htm (02/2022)*



WHAT IS DATA SCIENCE?

Data science is the interdisciplinary study of mathematics, technology, and scientific methods used to better understand complex sets of data known as “big data”.

Experts in this field strive to find new, innovative ways of extracting knowledge and insight from big data that can help organizations identify risk and opportunities for improvement.

WHY CONSIDER A DATA SCIENCE DEGREE?

UT's new Bachelor's of Data Science combines mathematics and technology to prepare students with an analytical mind for a career in the growing, high-earning field of data science.

In this program, students will study mathematical modeling, AI and machine learning, predictive analytics and programming languages R and Python, where they'll learn how to interpret large, complex data sets that traditional software can't.

These skills are in high-demand, and according to the U.S. Bureau of Labor Statistics, data science is among the top 30 fastest growing occupations through 2026.

WHERE DO DATA SCIENTISTS WORK?

Data scientists work in virtually every industry, including finance, technology, marketing, healthcare, sports and entertainment, as well as various government agencies.

Although these industries differ in focus and specialty, they all share the need to manage and interpret complex data to make smarter business decisions.