

DATA SCIENCE



WHAT IS DATA SCIENCE?

Data scientists are some of the most sought-after professionals in the world today, and students will graduate with a future-proof skill set to excel in their chosen careers. Scientists and analysts use a variety of tools and techniques including data mining, machine learning and visualization to identify patterns, trends and correlations that drive smarter business decisions. Opportunities for careers exist in every domain of the employment landscape, particularly given the rise in the need for AI solutions that are rapidly become the foundations of innovation. According to the federal Bureau of Labor Statistics, data science is the 3rd fastest growing occupation in the U.S., with a projected average job growth of 36% by 2033, higher than any other occupation.

WHAT TYPES OF SKILLS DO YOU NEED?

- Identify, formulate, and solve real-world problems using leading edge technology and computational tools
- Analyze and interpret data using statistical, computational and/or mathematical models
- Effectively present experimental and analytic results using data visualization
- Synthesize large datasets into decision-making formats
- Work in multidisciplinary teams to apply expertise in data science

WHAT CAN YOU DO WITH YOUR DEGREE?

Employers in practically every sector of today's society seek data scientists, and our curriculum is designed to prepare students for careers that are virtually unlimited in scope. Our graduates have gone on to employment in high powered industries and agencies.

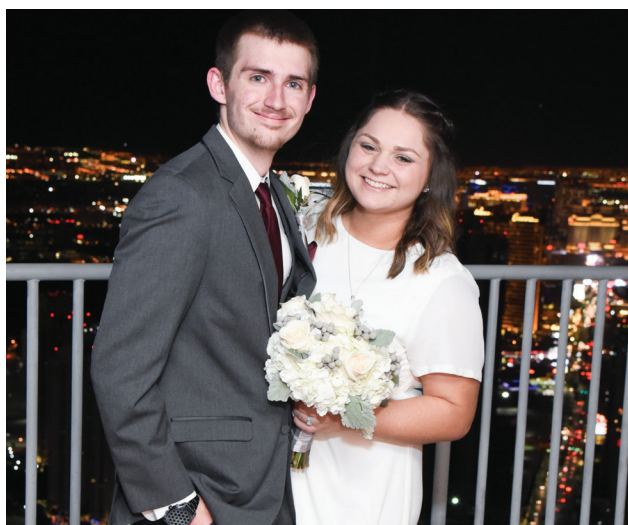
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INFORMATION



MONTANA
TECHNOLOGICAL UNIVERSITY

[MTECH.EDU/DATASCIENCE](https://mtech.edu/datascience)

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"We still can't believe where we are. Montana Tech gave us opportunity in a small town. All of it set us up for success. [...] We say it all the time, 'We're so glad we both went to Montana Tech.' We give credit for a lot of our success to the faculty, but I think meeting each other helped us to succeed in the program."

Kaitlyn Preston B.S. Statistics and Mathematical Sciences,
'16, Lead Process Management Analyst at NASA

Jeff Preston Statistics and Mathematical Sciences,
'17 Data Scientist for Disney

ADMISSIONS CHECKLIST

mtech.edu/apply

- ☐ APPLY FOR ADMISSION
www.mtech.edu/apply
- ☐ APPLY FOR FEDERAL FINANCIAL AID
www.mtech.edu/fafsa
FAFSA Code: 002531
- ☐ APPLY FOR SCHOLARSHIPS
www.mtech.edu/scholarships
- ☐ RESERVE HOUSING
www.mtech.edu/housing
- ☐ REGISTER FOR CLASSES
www.mtech.edu/registration
*MMR Immunizations required

MONTANA
TECHNOLOGICAL UNIVERSITY



RANKED #4
BEST TECHNOLOGY JOBS

RANKED #7
BEST STEM JOBS

RANKED #6
BEST JOBS
(US News, 2023)



31% JOB
GROWTH BY 2030
(Bureau of Labor and Statistics)



10:1 STUDENT TO
FACULTY RATIO



\$85-120K AVERAGE
STARTING SALARY

COMPANIES WHO HAVE HIRED OUR GRADUATES



ENGAGED FACULTY WITH
EXPERIENCE & EXPERTISE



HANDS-ON LEARNING
ENVIRONMENT



STRONG CAREER
OUTCOMES