



# MASTER OF SCIENCE DATA SCIENCE



INDIANA UNIVERSITY  
**ONLINE**

## Gain expertise in using data to make decisions.

Massive amounts of data are generated by search engines, social media, defense, corporations, business systems, and social and human services. **The IU Online Master of Science in Data Science** equips you with high-demand skills in analyzing, visualizing, and managing data. You'll gain interdisciplinary skills in computer science, engineering, informatics, information science, and statistics.

### Career Outcomes

This degree prepares you for such careers as:

- Business intelligence analyst
- Data mining engineer
- Data architect scientist
- Research analyst
- Statistician
- Analytics manager

### Representative Courses

- Statistical Analysis for Effective Decision-making
- Machine Learning for Signal Processing
- Elements of Artificial Intelligence
- Deep Learning Systems
- Data Science in Practice (Capstone)

### Course Delivery

100% Online

### Total Credit Hours

30

### In-State Tuition Per Credit Hour

\$490.00

### Out-of-State Tuition Per Credit Hour

\$812.50

## Degree Requirements

To graduate with this degree, you must complete 30 credit hours of coursework broken down as follows:

- **Data science core courses** (6 credit hours)
- **Data science specialization courses** (6 credit hours)
- **Data science electives** (15 credit hours)
- **Capstone project** (3 credit hours)

*"Working on my degree online is a great experience. It's very challenging in the best possible way. I never felt I was missing out on anything by being an online student."*

— Varsha Chutkan, Class of 2023

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