What you can do with your DATA SCIENCE MAJOR

Data Science Major Skills

**Data Modeling & Visualization**
You will write code to visualize data, build data models based on regression, machine learning, and other methods, and interpret results to gain understanding in domain areas.

**Data Programming & Management**
You will gain expertise in programming, manipulating, merging, summarizing, and managing data.

**Reproducible Data Analysis**
You will develop processes of data analysis that are scalable and reproducible.

**Professional & Ethical Conduct**
You will conduct data science activities aware of and according to policy, privacy, security, and ethical considerations.

**Critical Thinking**
You will define and analyze problems working with data; identify factors that contribute to outcomes; analyze connections and use them to make informed decisions and to draw conclusions.

**Visual, Written & Oral Communication**
You will communicate concepts and results effectively with scientific peers and the public, visually, orally and in writing.

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Supplement Your Skills With

- Deeper experience in one or more specialized domain areas
- Continued development of oral and written communication skills
- Experience through research, internships, part-time work, data competitions
- Experience fostering professional equity & inclusion
- Career & self development

Chart Your Path Forward

**Activate Your Handshake Account**
for connections to jobs, internships, employer & alumni networking.

**Explore Career Communities**
to discover a wide variety of fields where you can turn your major into success.

**Get Career & Internship Advising**
from SuccessWorks to make a plan, whether you’re a first-year student or about to graduate.

Get Started: successworks.wisc.edu
Put your Data Science major to WORK

**Common Alumni Job Titles**
- Analytics Consultant
- Business Systems Analyst
- Data Analyst
- Data Engineer
- Data Scientist
- Developer
- Investment/Trading Analyst
- Product/Project Manager
- Research Assistant
- Risk Analyst
- Software/Backend Engineer
- Solutions Engineer

**Common Employers of Alumni**
- 3M
- Accenture
- American Family Insurance
- Amazon Web Services
- Americorps
- AT&T
- Deloitte
- Discover Financial Services
- Epic
- EY
- John Deere
- KPMG
- Milliman
- Palo Alto Networks
- Uline
- University of Wisconsin-Madison

**Recent Grads’ Career Plans**
74% Employment
26% Continuing Education or Grad School

**Industries of Employment**
1. Information Technology
2. Education
3. Finance
4. Healthcare
5. Insurance
6. Consulting
7. Accounting
8. Engineering
9. Life Sciences
10. Arts & Entertainment

**Where Alumni Live & Work**
- 49% Wisconsin
- 18% Illinois
- 7% Minnesota
- 6% California
- 4% New York
- 16% Other

“Everything I learned at UW from coding skills to statistical theory has been useful on a daily basis for my job. I’ve been able to combine my love of sports and data into a dream job thanks to my degree!”

Gabriel Wachowski, 2019
Research and Innovation Analyst
Milwaukee Bucks Inc.
Milwaukee, WI

“My favorite thing about Data Science is the constant variety in our work – every day brings new challenges, ideas, and solutions. Those who love continuous learning will thrive.”

Maleeha Qazi, 2002
Data Scientist
American Family Insurance
Madison, WI

**Career Communities for Data Science Majors**
SuccessWorks has eight Career Communities to connect you with career advising, resources, and programs. Here are a few suggestions on where Data Science majors can start.

- Technology, Data & Analytics
- Consulting, Finance & Business Roles
- Government, Policy, International Affairs & Law
- Healthcare & Wellbeing

Not inspired by these options? Visit SuccessWorks to explore more widely.

successworks.wisc.edu