



EMPLOYMENT REPORT 2024



MADS



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SCHOOL OF
INFORMATION
UNIVERSITY OF MICHIGAN

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MASTER OF
APPLIED DATA
SCIENCE

About this report

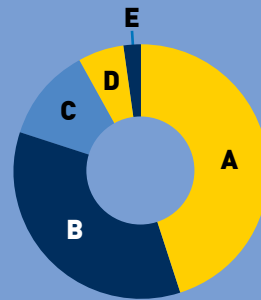
The University of Michigan School of Information (UMSI) Career Development Office surveys our graduates to identify their post-graduation plans and outcomes. This report summarizes outcomes from 2023 UMSI-MADS (Masters of Applied Data Science) graduates who completed the survey by the deadline or for whom a known outcome was reported in other ways. Of the MADS students who graduated in 2023, 155 (or 65%) responded to the survey or reported their outcome in other ways. It is important to note that MADS students participate in this online program from around the world, bringing in a variety of experiences, as well as goals for participating in this program i.e., career advancement/promotion, new job, new field, skill development, salary boost, etc

Average first salary



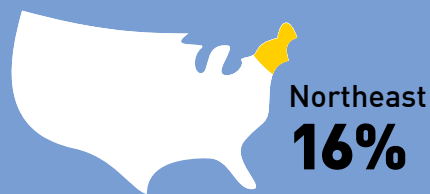
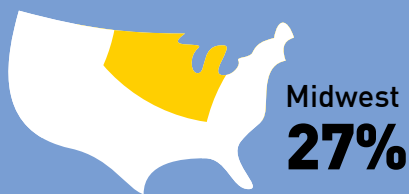
Average salary reported for all respondents who indicated they had accepted their first job in the data science field.

Outcome type



45%	A	Job held while in the program
35%	B	First job in the data science field
12%	C	Secured promotion/ advancement within organization
6%	D	Still seeking data science job
2%	E	Self-employed/ started own business

Where our graduates are working



International
25%

International students job locations

United States	22	Egypt	1
South Korea	5	Germany	1
India	4	Saudia Arabia	1
Switzerland	4	Singapore	1
Canada	2	Sweden	1
China	2	Taiwan	1
Japan	2	United Arab Emirates	1
Thailand	2	United Kingdom	1
Belgium	1		
Brazil	1		

Top industries our graduates are working in



Technology
22%



Financial/
insurance
16%



Manufacturing
10%



Pharma/biotech
8%



Health/medicine
7%



Consumer goods
& services
6%



University/college
6%



Consulting
4%



Digital/marketing
agency
4%



Energy/
environmental
4%



Start-up/
entrepreneurial
3%



Aerospace/
defense
2%



Entertainment/
sports/gaming
2%



Oil & gas/
chemical
2%



Travel/
transportation
2%



Government
1%



Nonprofit/
NGO
1%

2024 Job Outcomes

Bold text indicates an international student's job outcome.

Aerospace/defense

Aerodynamics Performance Engineer	Anduril Industries, CO, USA
Senior Technical Product Manager - Digital Asset Enablement	Lockheed Martin, DC, USA
Systems Engineering Manager	Northrup Grumman, FL, USA

Consulting

Analytics Associate Manager	Accenture, MI, USA
Data Analyst	Assurant, GA, USA
Senior Business Intelligence Analyst	Bethlehem Shared Services, MI, USA
Data Analyst	Parsons Corporation, MI, USA
Jr Data Scientist	Take2 Consulting LLC, GA, USA
Business Relationship Manager (Data & Analytics)	TCS - Tata Consultancy Services, CA, USA

Consumer goods & services

Process Engineer	Ajinomoto Health & Nutrition North America, Inc., NC, USA
Global Head - Data and AI	Amway, NC, USA
Python Engineer & Data Scientist	Camping World, IL, USA
Director of Software Engineering	Chewy.com, MA, USA
Business Intelligence Analyst	Cigars International, CA, USA
Data Engineer	Little Caesars, MI, USA
COO	Sasom, Thailand

Digital/marketing agency

Director of Data & Analytics	Chain Reaction, Saudi Arabia
Data Analyst 2	Epsilon, MI, USA
Data Scientist	Hotmob, Hong Kong
Data Architect	Momentum Worldwide, NY, USA
Data Analyst	Plus +, Thailand
Sr Data Scientist	Webflow, UT, USA

Energy/environmental

Performance Engineer	Aypa Power, TX, USA
Chief Technology Officer	Carbonware, United Kingdom
Senior Market Analyst	Cenovous Energy, TX, USA
Data Scientist	LG Energy Solution, South Korea
Principal Data Scientist	NextEra Energy, FL, USA
Sr Digital Transformation Analyst	Raizen, Brazil

Entertainment/sports/gaming

Sr Manager Software Engineer	Light & Wonder, NV, USA
Data Analyst	RFK Racing, NC, USA
Digital Experience Data Analyst	The Walt Disney Co, FL, USA

Financial/insurance

Specialities Trader	ADNOC Group, United Arab Emirates
Assistant Vice President	Applied Data Finance, India
Sr Business Intelligence Developer	Auto Owners Insurance, MI, USA
Data Analyst	Blue Cross Blue Shield of Michigan, MI, USA
Oracle EPM Administrator	Blue Cross Blue Shield of Michigan, MI, USA
Group Product Manager	BMO Financial Group Canada
Senior Data Analyst	Capital One, VA, USA
Software Developer 3	Charles Schwab, MI, USA
Corporate Data Science Lead	EFG Holding, Egypt
Application Support Specialist	Gallagher Bassett, MI, USA
Data Scientist II	Intact, Canada
IT Analyst	JPMorgan Chase & Co., CA, USA
Product Director - Field Performance Reporting & Insights	JPMorgan Chase & Co., NC, USA
Senior Risk Management Associate	JPMorgan Chase & Co., DE, USA
Accounting Manager	KDB Silicon Valley LLC, CA, USA
Private Credit Associate	Metropolitan Partners Group, NY, USA
Director Data Analytics	OneAmerica Financial, IN, USA
Quantitative Trading Analyst	ProActive Capital Partners LP, NY, USA

Senior Data Scientist	Prudential, NJ, USA
Data Analyst	Rocket Mortgage, MI, USA
Data Scientist	Stripe, WA, USA
Managing Director	TransAsia Private Capital Limited, China
Manager	Western Union, CO, USA
Quantitative Analyst	Zions Bancorporation, UT, USA

Government

Researcher, Macro-Financial Research Group	ASEAN+3 Macroeconomic Research Office, Singapore
Data Scientist	Pacific Northwest National Laboratory, WA, USA

Health/medicine

Senior Software Engineer	Covet Health, NY, USA
Sr Research Group Leader	German Center for NEurodegenerative Diseases, Germany
Data Integration Developer	Integrated Healthcare Association IHA, MI, USA
Director of Data & Analytics	IRadimed Corp, FL, USA
Manager, Pharmacy Data Science & Engineering	Michigan Medicine, MI, USA
Data Architect Lead	Michigan Medicine, MI, USA
Data Engineering Manager	Onpoint Health Data, MA, USA
Business Intelligence Developer	Piedmont, GA, USA
Research Data Scientist	Providence VA Health Care System, RI, USA
VP of Data Analytics	US Imaging, MI, USA

Manufacturing

Business Intelligence Lead	AGC Automotive Americas, MI, USA
Architect (Data & Decisions)	Barco, Belgium
Machine Learning Engineer	General Dynamics Land Systems, MI, USA
Infotainment Calibration Engineer	General Motors, MI, USA
Application Engineer	Hyundai Kia America Technical Center, Inc. (HATCI), MI, USA
Senior AI/ML Engineer	Intuitive, CA, USA
Manager of Market and Offer Analytics	Johnson Controls, FL, USA
Managing Director	Lenso Wheel, India
Data Scientist	Mondelez International, NJ, USA
Business Intelligence and Analytics Lead	Mondelez International, WA, USA
Sr Database Developer	Patrick Industries Inc, IN, USA

Technical Program Manager, Body	Rivian, CA, USA
Data Scientist	Stellantis, MI, USA
Data Scientist	Stellantis, MI, USA
Test Engineer	Tenneco, MI, USA

Nonprofit/NGO

Lead Data Scientist	West Michigan Partnership for Children - WMPC, MI, USA
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Oil & gas/chemical

Research Scientist	Corteva Agriscience, IN, USA
Sr Exploration Geologist	Petroleum Development Oman, Oman
Data Scientist	SoCalGas, CA, USA

Pharma/biotech

HR Data Analyst	AbbVie, Japan
Principal Scientist	Arbor Biotechnologies, MA, USA
Blockchain Product Director	Novartis, Switzerland
Master Supply Chain Planner	Novartis, Switzerland
Sr Manager Global Security	Novartis, Switzerland
Sr Manager, Technology & Business Operations Audit	Novartis, Switzerland
Associate Director, Solution Architect, Managed Market Finance	Novartis, NJ, USA
Head of Clinical Data Operations and Analytics	Novartis, NJ, USA
Data Science Leader	Novartis, CO, USA
Senior Principal Scientist	Novartis, CA, USA
Senior Scientist II, Global Health	Novartis, CA, USA
Data Scientist	Novartis, MA, USA
Associate Director, Statistical Programmer	Takeda, Japan

Start-up/entrepreneurial

Data Scientist	bluelightai, CA, USA
Independent Data Science, IT Architecture and Feasibility Consultant	Self-Employed, China
AI Researcher	Self-Employed, MI, USA
Founder	Self-Employed, IL, USA
Founder	Stealth Startup, CA, USA

Technology

Data Scientist	Alter Domus, NY, USA
Software Development Engineer II	Amazon, NJ, USA
Business Intelligence Engineer	Amazon, WA, USA
Senior Ecosystems Engineer - Cloud and ML	Analog Devices, India
Sr Data Scientist	ASML, NY, USA
Risk Analyst	Atlanticus, GA, USA
Sales Data Analyst	Backblaze, CA, USA
Analytics Consultant	Bazaar247 MCommerce Pvt. Ltd., India
Sr Data Scientist	Cotiviti, UT, USA
Resident Solutions Architect	Databricks, Sweden
Senior Business Intelligence Analyst	Dell Technologies, WV, USA
Sr. Operations Manager	Dynatrace, MI, USA
Jr Data Scientist	Ekimetrics, NY, USA
AI/ML Specialist Solutions Architect	Google, CA, USA
Marketing Analytics Manager	Google, WA, USA
Product Manager	Hexagon Manufacturing Intelligence, MI, USA
Sr Data Analyst	Hydrosimulatics, MI, USA
Sr Product Manager	Microsoft, WA, USA
QA Engineer	Moody's Analytics, India
Associate Director- Data Operations Analyst	Moody's Analytics, NY, USA
Technical Director of AI	NetraScale, Canada
Data Scientist	Outlier, NY, USA
Data Analyst	Riskified, NY, USA
Digital Solutions Manager	Schneider Electric, MI, USA
Director of Engineering	Sitecore, CA, USA
Data Analyst	SK Telecom, South Korea
Data Analyst	SK Telecom, South Korea

Data Scientist & ML Engineer	SK Telecom, South Korea
Sr Technical Designer in Business Intelligence	SK Telecom, South Korea
Data Scientist	StayinFront Retail Data Insight, NJ, USA
Senior Recruiter	Taiwan ALLabs, Taiwan
Data Engineer	Thomson Reuters, MI, USA

Transportation/logistics

Data Scientist	FedEx Dataworks, PA, USA
Manager of Data Science	OOCL, Hong Kong
Operations Analyst	Spirit Airlines, FL, USA

University/college

HR Records Lead and Senior Data Analyst	California Institute of Technology - Caltech, CA, USA
Applied Machine Learning Researcher	University of Michigan, MI, USA
Data Architect	University of Michigan, MI, USA
Sr Data Curator	University of Michigan ICPSR, MI, USA
Data Scientist Researcher	University of Michigan Information Tech Services, MI, USA
Applications Programmer Sr	University of Michigan Institute for Social Research, MI, USA
Lecturer	University of Michigan School of Information, WA, USA



Contact the UMSI Career Development Office to discuss your job search, or to receive information on hiring UMSI grads.

umsi.careers@umich.edu