

MASTER OF SCIENCE BUSINESS ANALYTICS



Columbia Engineering- in partnership with Columbus Business School- is pleased to offer a full-time STEM Master of Science in Business Analytics program, with a three-semester curriculum designed for those who want to focus on learning the modeling techniques and data science tools that help businesses use data to make better decisions. A key element of the degree program is a capstone project that provides an intense consulting engagement with clients and their real-world business problems using real data sets.

“The MSBA program is the ideal degree program for students looking to leverage data into operational impact - a pressing need for many organizations. It provides students with the optimal combination of operations research and data analysis tools, alongside with hands-on projects on real world problems, for addressing business analytics challenges.”



Dr. Adam Elmachtoub
Professor

Business Analytics is a field that focuses on big data and business intelligence, bringing together topics such as Optimization, Programming, & statistics to solve real-world problems. Common positions in the field include analysts and associates in consulting firms, business analysts and data scientists in the fields of financial and professional services, technology, advertising and media, and other professions where a deep understanding and practical application of data analytics are required.

Application Deadline

Priority: January 15 | Regular: February 15
<https://ieor.columbia.edu/business-analytics-msba>



Department of Industrial Engineering & Operations Research

 admit@ieor.columbia.edu

 500 W. 120th Street, Room 315, New York, NY 10027

“Our career placement team has a vast network of industry contacts, and we utilize these strong relationships to ensure that our MSBA students receive competitive opportunities for employment.”

Sara Yllescas
Career Placement
Officer, MSBA

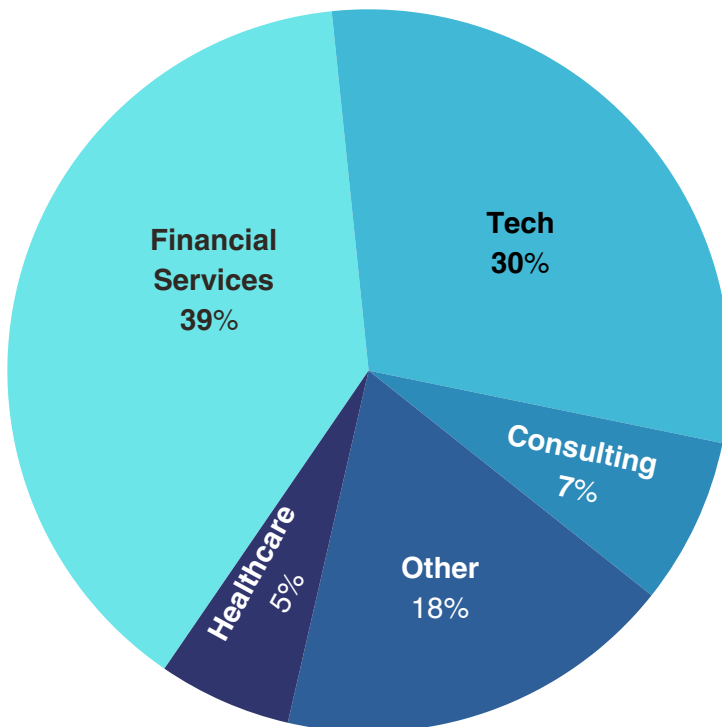


Course Highlights

- Analytics in Practice
- Analytics on the Cloud
- Business Analytics
- Data Analytics
- Data Mining
- Demand & Supply Analytics
- Game Theory
- Healthcare Operation Management
- Machine Learning
- Managerial Negotiations
- Optimization Models & Methods
- Professional Development and Leadership
- Sports Analytics
- Stochastic Models
- Strategic Consumer Insights
- Tools for Analytics
- Visualization & Storytelling with Data

Career Outcomes for Alumni

**MSBA 2023 Grads*



For more information, visit ieor.columbia.edu