

Graduate Degrees & Online Courses for Data Science and Advanced Analytics

As of March 7, 2014

American Sentinel University

[Master of Health Care Informatics](#)

Arizona State University

[MS in Business Analytics](#)

Barcelona Graduate School of Economics

[Master in Data Science](#)

Ben-Gurion University of the Negev (Beer-Sheva, Israel)

[MSc in Information Systems Engineering with focus on Data Mining and Business Intelligence](#)

Bentley University

[M.S. in Marketing Analytics](#)

Carnegie Mellon University

[Master of Information Systems Management \(MISM\) degree with a Business Intelligence and Data Analytics \(BIDA\) concentration](#)

Catholic University of America

[The Master of Science in Business Analysis](#)

Central Connecticut State University

[Master of Science in Data Mining](#)

[Graduate Certificate in Data Mining](#)

Central Michigan University

[Graduate Certificate in Data Mining](#)

Columbia University

[Master of Science in Data Science](#)

[Master of Science in Information and Knowledge Strategy](#)

[Certification of Professional Achievement in Data Sciences](#)

Cornell University

[Masters of Engineering in Operations Research and Information Engineering – Data Analytics Concentration](#)

DePaul University

[M.S. in Predictive Analytics](#)

Drexel University

[Master of Science in Business Analytics](#)

Dublin City University (Dublin, Ireland)

[MSc in Computing \(Data Analytics Major\)](#)

Dublin Institute of Technology (Dublin, Ireland)

[MSc in Computing \(Data Analytics\)](#)

Fordham University

[MS in Business Analytics](#)

George Mason University

[MS in Computational Science](#)

[PhD in Computational Sciences and Informatics](#)

George Washington University

[MS in Business Analytics](#)

Harrisburg University

[M.S. in Analytics](#)

Harvard University

[Master of Science \(SM\) in Computational Science and Engineering \(CSE\)](#)

Heriot-Watt University (Edinburgh, Scotland)

[MSc in Data Science](#)

IE University (Madrid, Spain)

[Master in Business Analytics and Big Data](#)

Illinois Institute of Technology

[Master of Data Science](#)

Imperial College (London, England)

[MSc in Data Science and Management](#)

Indiana University-Purdue University Indianapolis School of Informatics

[PhD in Informatics](#)

John Hopkins University

[Master of Science in Bioinformatics](#)

Kennesaw State University

[Master of Science in Applied Statistics](#)

Loras College

[MBA in Business Analytics](#)

Louisiana State University

[Master of Science in Analytics](#)

Maastricht University (Maastricht, the Netherlands)

[MSc in International Business/Business Intelligence](#)

Macquarie University (Sydney, Australia)

[Master of Data Science](#)

Michigan State University

[MS in Business Analytics](#)

New Jersey Institute of Technology

[Graduate Certificate in Data Mining](#)

New York University

[MS in Data Science](#)

[MS in Business Analytics](#)

[MS in Applied Urban Science and Informatics](#)

North Carolina State University

[M.S. in Analytics](#)

Northwestern University

[Master of Science in Analytics](#)

Nova Northeastern University

[Graduate Certificate In Business Intelligence / Analytics](#)

Oakland University

[Master of Science in IT Management – Business Analytics](#)

Pace University

[MS in Customer Intelligence and Analytics](#)

Purdue University

[MBA in Business Analytics](#)

Rensselaer Polytechnic Institute

[Master of Science in Business Analytics](#)

Rutgers University

[MBA in Analytics and Information Management](#)

[MBS in Analytics](#)

Saint Peter's University

[Master of Science in Data Science](#)

Stanford University

[Master of Science in Biomedical Informatics](#)

[Mining Massive Data Sets Graduate Certificate](#)

Stevens Institute's Wesley J. Howe School of Technology Management

[Master of Science in Business Intelligence and Analytics](#)

[Graduate Certificate in Business Intelligence and Analytics](#)

Syracuse University School of Information Studies

[Graduate Certificate of Advanced Studies in Data Science](#)

Texas A&M University

[Master of Science in Analytics](#)

University College Dublin (Dublin, Ireland)

[MSc in Business Analytics](#)

University College London (London, England)

[MSc in Machine Learning](#)

University of Auckland (Auckland, New Zealand)

[Master of Professional Studies–Data Science](#)

University of Chicago

[Master of Science in Analytics](#)

University of Cincinnati

[MS in Business Analytics](#)

University of Connecticut

[MS in Business Analytics and Project Management](#)

University of Dundee (Dundee, Scotland)

[MSc in Data Science](#)

University of Essex (Colchester, England)

[MSc Big Data and Text Analytics](#)

University of Glasgow

[MSc Data Science](#)

University of Illinois at Urbana-Champaign

[Master of Science in Statistics/Analytics Concentration](#)

University of Magdeburg (Magdeburg, Germany)

[MSc in Data and Knowledge Engineering](#)

University of Maryland

[Master of Science in Business for Marketing Analytics](#)

University of Maryland University College

[Master of Science in Data Analytics](#)

University of Michigan-Dearborn

[MS in Business Analytics](#)

University of Rochester Simon School of Business

[MS in Business Analytics](#)

University of San Francisco

[M.S. in Analytics](#)

University of Tennessee

[Master's in Business Analytics](#)

University of Texas at Austin

[Master of Science in Business Analytics](#)

University of Virginia

[Master of Science in Data Science](#)

University of Washington

[Certificate in Data Science](#)

Virginia Commonwealth University

[Master of Science in Business with a decision sciences and business analytics concentration](#)

Worcester Polytechnic Institute

[M.S. in Data Science](#)

York University

[MSc in Business Analytics](#)

Online Programs

American Sentinel University

[Master of Geospatial Information Systems Program](#)

City University of New York

[M.S. In Data Analytics](#)

Harrisburg University

[M.S. in Analytics](#)

Northwestern University

[Master of Science in Predictive Analytics](#)

Nova Northeastern University

[Graduate Certificate In Business Intelligence / Analytics](#)

Thomas Edison State College

[MBA in Data Analytics](#)

University of California, Berkeley

[Master of Information and Data Science](#)

Online Courses (Free)

Coursera

[Computing for Data Analysis](#)

[Data Analysis and Statistical Inference](#)

[Unpredictable? Randomness, Chance and Free Will](#)

[Web Intelligence and Big Data](#)

edX

[The Analytics Edge](#)

[Learning from Data](#)

[Wiretaps to Big Data: Privacy and Surveillance in the Age of Interconnection](#)

Harvard University

[Data Science](#)

[Visualization](#)

Syracuse University

[Applied Data Science: An Introduction](#)

Udacity

[Introduction to Artificial Intelligence](#)

[Introduction to Statistics](#)

Online Courses (for a fee)

Coursera

[Data Science Specialization](#)

MIT

[Tackling the Challenges of Big Data](#)

Udacity

[Exploratory Data Analysis](#)

[Intro to Data Science](#)

[Introduction to Hadoop and MapReduce](#)

University of California, Irvine

[Introduction to Data Science](#)