

## Fact Sheet

### "IBM Partners with 28 Business Schools and Universities to Help Train Tomorrow's Data Scientists"

1. Arizona State University is offering a Master of Science in Business Analytics degree and a Bachelor of Science in Business Data Analytics degree, both providing students with access to IBM software for project-based collaborations with IBM big data and analytics clients.
2. Babson College is offering graduate and undergraduate degree concentrations in Business Analytics focusing on data management, analytics, and how to use emerging technologies to better manage financial risk and other business needs.
3. Boston University's Metropolitan College is offering a Master of Science degree in Computer Information Systems with a concentration in Database Management & Business Intelligence to help equip students with the latest skills needed to manage the explosion of data in today's modern enterprise.
4. Case Western Reserve University is launching a new undergraduate program in data science and analytics. This effort includes a major and a minor in applied data science, and eventually a post-baccalaureate certificate program.
5. Dakota State University has created a partnership with IBM and South Dakota State University and is offering a collaborative graduate-level analytics program to serve industry business needs and fulfill student demand. Students will gain hands-on experience with IBM on big data issues related to decision informatics, cybersecurity, health analytics using real-world use cases.
6. Illinois Institute of Technology (IIT) offers two related degree programs. The IIT Stuart School of Business is offering a Master of Science in Marketing Analytics and Communication, preparing students to leverage the power of advanced analytics to generate competitive advantage and superior business performance. The IIT College of Science is offering a Master of Data Science, preparing students with the computational, statistical, and communication skills needed to derive insights from complex datasets to improve strategic decision-making. IIT is also one of the eight universities piloting the IBM Analytics Talent Assessment.
7. Illinois State University is offering big data and analytics coursework to supplement MBA degree programs, building a curriculum that speaks to needs in the local business market. Students will receive hands-on training from IBM as well as participate in education-focused events like the IBM Watson Technical Challenge.
8. Indiana University Kelley School of Business offers both a major and minor in business analytics at the MBA level with an emphasis on statistics, modeling, and data management. Its Master of Science in Information Systems program offers a strong core business and technology foundation along with a concentration in business intelligence and business analytics.
9. Iowa State University is offering a business analytics track in its MIS major and plans to offer a Master of Science in Business Analytics degree built around IBM Academic Initiative software, such as Cognos, and brings together multiple departments across the University, from Statistics to Marketing making it an interdisciplinary program. Students will work with local IBM Business Partner Kingland Systems to gain hands-on training.
10. Johns Hopkins University's DC-based Center for Advanced Governmental Studies is offering a Master of Science in Government Analytics and a Certificate in Government Analytics to provide students with the needed skills to address contemporary political, policy and governance challenges.
11. Northwestern University's Medill School of Journalism is offering a Master of Science in Integrated Marketing Communications degree with coursework updated on a quarterly basis to reflect changing real-world scenarios. Students and faculty will also be participating in industry events like the IBM Smarter Commerce Summit.
12. Rensselaer Polytechnic Institute, Lally School of Management, is offering an M.S. in Business Analytics. Launched in Fall 2013, the program provides students and career professionals with the first-hand-experience and knowledge required to succeed in analytics jobs spanning a range of industries. This spring, the program added a new Predictive Analytics with Social Media course in which students use IBM SPSS Modeler for predictive analytics and IBM Cognos Insight for dashboards and visualization.
13. San Jose State University offers an Advanced Certificate in Business Analytics from the Lucas Graduate School of Business. The program incorporates IBM software and project-based collaboration with IBM big data and analytics clients. In addition, five SJSU colleges are developing a series of interdisciplinary advanced degrees and certificates in big data science. IBM will provide faculty members with Smarter Planet teaching resources. Students will benefit from project-based learning with IBM customers and access to guest lecturers.
14. Southern Methodist University in Dallas (SMU) is partnering with IBM across disciplines in the Cox School of Business, the Lyle School of Engineering and Dedman College of Humanities and Sciences. SMU offers masters of science degrees in business analytics, predictive analytics and data analytics. IBM and SMU also collaborate on analytics-related curricula and students partner with IBM and local businesses on SMART projects providing real world experience and solutions for local industry.
15. University of Arkansas at Little Rock's College of Business has approved a new interdisciplinary undergraduate analytics degree focusing on development of analytics skills across the business curriculum.

16. University of Arkansas Fayetteville is offering a cross-college interdisciplinary Master of Science in Statistics and Analytics consisting of six areas of study: Business Analytics, Computational Analytics, Educational Statistics and Psychometrics, Operations Analytics, Quantitative Social Sciences and Statistics. The Business Analytics areas will focus on Big Data for business majors to equip students with in-demand job skills around Big Data analytics, business intelligence and data warehousing.
17. University of Denver, Daniels College of Business, is launching a Bachelor of Science in Business Analytics, to go with their nearly decade-old Master of Science in Business Analytics, to help students learn how to better gather, analyze and leverage big data. Using IBM SPSS predictive analytics software and IBM Cognos software, all bachelor's and master's Business Analytics students will apply analytics concepts to real-world business situations through completing capstone projects for corporate and government partners.
18. University of Colorado - Boulder, Leeds School of Business, is launching a Masters of Science in Business Administration with a focus in Business Analytics beginning this fall. This one year graduate program will provide faculty and students with hands-on analytics workshops using IBM software to help turn big data into business decisions.
19. University of Maryland - College Park's Robert H. Smith School of Business is offering a Master of Science in Marketing Analytics degree program. Enrolled students learn how to harness and process massive amounts of data, creating robust analytical models and effectively interpreting them to help design products, predict the effects of marketing campaigns and better understand customers.
20. University of Massachusetts Boston's College of Management is offering an MBA with a Business Intelligence Specialization, a Bachelor of Science Information Technology with a Business Intelligence Track, and In collaboration with the College of Advancing and Professional Studies, a new Business Analytics Certificate degree program with a broad range of coursework where students will examine the real-world needs of state and local businesses.
21. University of Missouri is developing an interdisciplinary Master of Science in Data Science and Analytics degree, providing students with access to IBM's Open Cloud Architecture to have a comprehensive skill set in building, deploying, and managing cloud resources to analyze big data in journalism, engineering, informatics, and digital humanities.
22. University of North Carolina at Charlotte offers a Professional Science Master's degree in Data Science and Business Analytics (DSBA), an interdisciplinary program that draws on faculty expertise from UNC Charlotte's College of Computing and Informatics, the Belk College of Business, and the College of Health and Human Services. The program is designed to develop a new generation of data scientists, business analysts, and managers with the technical and business skills to transform data into smart, innovative strategies.
23. University of Southern California's Marshall School of Business is offering a Master of Science in Business Analytics and Master of Science in Global Supply Chain Management degrees, providing students with hands-on experience working with big data to help transform business.
24. University of Texas at Austin McCombs School of Business has developed a Master of Science in Business Analytics program that provides students with projects in statistics, data mining, and programming helping sharpen students' quantitative, technical, and communication skills. Students will learn about emerging technologies including IBM Watson, among others.
25. University of Tennessee - Chattanooga, at the Chattanooga College of Engineering and Computer Science is offering programs in Computer Science at the undergraduate and masters level to introduce students to data science and predictive analytics techniques.
26. University of Tennessee - Knoxville, at the Knoxville College of Business Administration, Department of Business Analytics and Statistics, is working with IBM to integrate statistical modeling, predictive analytics, and advanced analytics in course materials in Business Analytics and supply chain management.
27. University of Virginia will launch an 11-month professional master's program in July 2014 — The Master of Science in Data Science — designed to meet the increasingly data-intensive needs of industry and government. The interdisciplinary program will include faculty from all 11 schools at University of Virginia. They will guide, mentor and eventually evaluate students on an important data science challenge through a capstone experience.
28. Worcester Polytechnic Institute offers a Master of Science in Data Science to prepare students with the interdisciplinary skills in data management, statistics, computing and business intelligence essential to meeting today's big data challenges in science, business and industry.