StatSlice

Release 1.0 May 2013

Universities Offering Business Intelligence and Analytics Degrees and Certificates

State	University	Description	Degree/ Certificate Offered
Arizona	Arizona State University	The Masters in Business Analytics is delivered by the W. P. Carey Departments of Information Systems and Supply Chain Management. Ideal for recent undergraduates with a strong quantitative background, the MS BA is a ten-course curriculum that builds upon existing skills and knowledge. The curriculum is a nine-month program that combines analytic depth with business experience, small classes, and team-based learning.	MS in Business Analytics http://goo.gl/oacvL
Arkansas	University of Arkansas	This program provides knowledge and experience in Business Intelligence, Data Mining, Data Warehousing, and Information Management. This certificate program is from the SAS Institute, a technology leader who provides various Business Intelligence and Data Mining curriculum to the academic community.	SAS Certificate - Data Mining http://goo.gl/z39uc
California	Berkeley	The Master of Engineering degree is full-time and takes one academic year to complete. Upon completion, you earn the Master of Engineering degree in EECS. You can choose a concentration in Data Science and Systems for careers in data-centric industries that require knowledge of data management fundamentals as well as the latest technologies and techniques for the collection, storage, and analysis of information.	Master of Engineering http://goo.gl/JjVhH
California	Stanford University	Information Management and Analytics provides coverage of the principles underlying modern database and information management systems, as well as methods for mining massive data sets. The track spans topics ranging from developing applications for database and information systems; to system design, architecture, and management; to applying algorithms and techniques from data mining and machine learning to perform analyses over massive data sets.	MS Computer Science, Specialization in Information Management and Analytics http://goo.gl/ORPDX

California	UCI: University of California, Irvine Extension	This program is intended for professionals who are using or wish to use Predictive Analytics to optimize business performance at a variety of levels in a wide range of industries. The Predictive Analytics program is often the logical next step for professional growth for those in business analysis, web analytics, marketing, business intelligence, data warehousing, and data mining.	Predictive Analytics Certificate http://goo.gl/zwcvu
California	UCSD: University of California, San Diego Extension	This certificate is designed to provide individuals in business and scientific communities with the skills necessary to design, build, verify and test predictive data models.	Data Mining Certificate http://goo.gl/6iZAz
California	University of San Francisco	The Master of Science in Analytics at the University of San Francisco is an intensive one-year program that provides students with the skills necessary to develop techniques and processes for data-driven decision-making.	Master of Science in Analytics/BI http://goo.gl/aMnc6
Colorado	University of Denver	The Master of Science in Business Intelligence is a 58-credit program that can be completed in 12 months or part-time with a more flexible schedule. The program consists of core business intelligence courses, business ethics and courses from each of the primary disciplines of statistics, marketing, and information technology, plus an elective from one of these disciplines. The final is a practicum related to any one or a combination of the business intelligence disciplines.	MS in Business Intelligence http://goo.gl/ksau0
Connecticut	Central Connecticut State University	CCSU's Master of Science program focuses on statistical methodology, machine learning and business intelligence.	Master of Science in Data Mining http://goo.gl/7vFkq

Connecticut	University of Connecticut	The University of Connecticut's Master of Science in Business Analytics and Project Management is designed to meet the growing demand for professionals who can harness advanced business analytics and project management skills.	MS in Business Analytics and Project Management http://goo.gl/WNx7b
Florida	Florida State University	The Florida State University Department of Statistics and SAS Institute jointly offer a certificate in SAS Programming and Data Analysis. The certificate is earned by taking courses from the Department of Statistics. There is both an undergraduate and a graduate certificate.	SAS Programming and Data Analysis (Graduate) http://goo.gl/HOabo
Florida	University of Central Florida	The Data Mining track in the Statistical Computing Master of Science program focuses on data mining and its application to business, social, and health problems. The program is suited for individuals who have completed an undergraduate program in mathematics, statistics, economics, business, or other related fields, and wish to pursue a career in data mining.	Master of Science in Statistical Computing, Data Mining http://goo.gl/ERMVn
Florida	University of South Florida	USF's Master of Science degree covers a number of advanced topics – Operations and Supply Chain Process, Advanced Systems Analysis and Design, Statistical Data Mining, and more. Developed to help working I.T. professionals build upon existing skills and achieve career success by advancing their education, this program offers a fully online experience. Certificates are awarded to students using SAS Enterprise Miner or an equivalent SAS analytics package in the Data Mining and Statistical Data Mining courses. Software tools will be provided free for class uses by the SAS Institute.	Master of Science in Management Information Systems http://goo.gl/kAzYG
Georgia	Georgia Southern University	The Master of Science in Computer Science degree program with a concentration in data and knowledge systems is the only such degree concentration offered in Georgia. The area of data and knowledge systems covers areas such as speech and vision recognition systems, expert systems, data storage systems, and information retrieval systems, such as online search engines. This fully online program focuses on the currently hot areas of data mining and data warehousing.	Master of Science in Computer Science http://goo.gl/jMsZi

Georgia	Kennesaw State University	The certificate will document students' course work utilizing SAS' award-winning data mining technology, and is intended to give students a competitive advantage in the marketplace.	SAS Certificate - Statistical Methods and KSU Data Mining Certificate Program http://goo.gl/76lHu
Illinois	DePaul University	The Master of Science in Predictive Analytics program covers a variety of skills required for a career in predictive analytics, including the ability to analyze large datasets and to develop modeling solutions to support decision making, understanding of the fundamental principles of marketing and customer relationship management, and communication skills to present results effectively. Students become "data mining analysts/engineers" or "predictive modelers". This degree can be completed entirely online.	Master of Science in Predictive Analytics http://goo.gl/INTyi
		With the concentration in Business Intelligence, analysts learn to understand the strategic goals and tactical issues facing an organization, and use a combination of technology, statistics, and dashboards to provide organizations with the information they need. Business analysts have strong computational and analytical skills, and are comfortable with both statistics and technology. Students take online and on campus courses.	MS in Information Systems Business Intelligence Concentration http://goo.gl/nczAO
Illinois	Northwestern	The Master of Science in Analytics immerses students in a comprehensive and applied curriculum exploring the underlying data science, information technology and business of analytics. It combines mathematical and statistical study with instruction in advanced computational and data analysis. All three areas of data analysis are studied: predictive (forecasting), descriptive (business intelligence and data mining), and prescriptive (optimization and simulation).	Master of Science in Analytics http://goo.gl/0I5Ng
		The Master of Science in Predictive Analytics (MSPA), is an online, part-time program that explores these applications and much more. The MSPA program uses real-world problems and situations to prepare graduates for roles as strategic thought leaders who leverage predictive analysis and predictive modeling to drive decision making.	Master of Science in Predictive Analytics http://goo.gl/1CFtH

Illinois	University of Illinois at Urbana-Champaign	The Master of Science Concentration in Analytics combines the mathematical and statistical training of the traditional MS in Statistics with enhanced computational and data analytic training for those planning careers in information intensive industries or research. The program includes fundamental training in mathematical and applied statistics as well as specialized training in data management, analysis, and model building with large datasets and databases. The specialized courses have an emphasis on statistical computing, data management, and statistical learning, which encompasses the more statistical topics that fall under the broader title of data mining. Students are encouraged to gain experience in a business or consulting environment as part of the program.	MS in Statistics with an Analytics Concentration http://goo.gl/oQzSM
Indiana	Indiana U. Kelley School of Business	MBA Business Analytics majors learn to leverage data to create more efficient business processes and more accurate performance reporting to help businesses compete and gain advantage. If you have a strong interest in mathematics, statistics, modeling, or information systems, consider a major or minor in business analytics.	MBA, Business Analytics http://goo.gl/qHbHU
Indiana	Notre Dame	Notre Dame's Master of Science in Applied and Computational Mathematics and Statistics, with a specialty in Predictive Analytics, prepares students for critical positions in any data-intensive business. In this intensive 10-month program, students select courses and a real-world capstone project that are tailored to the industry in which they will seek employment.	MS in Predictive Analytics http://goo.gl/uwWEw
Indiana	Purdue	MBA students can choose to complete one or two areas of focused study or option areas, including the Business Analytics option. Surveys show that consulting is a desirable career among MBA students. The particular sector of consulting that emphasizes integration of analytical methodologies and modern information technology to generate business intelligence and solve industry-specific problems is in high demand.	MBA, Business Analytics http://goo.gl/Zfg7p

Iowa	Loras College	The Loras College MBA in Business Analytics is ideal for those looking to enter a rapidly growing field which uses data management and analytical tools to evaluate and analyze past performance to improve decision-making and business outcomes.	MBA in Business Analytics http://goo.gl/LTs78
Kentucky	University of Louisville	The Graduate Certificate program can be completed entirely online or in combination with on-campus courses in 12 months. Learn data mining, warehousing, and analysis.	Graduate Certificate in Data Mining http://goo.gl/ho9V1
Louisiana	Louisiana State University	The Master of Science in Analytics curriculum emphasizes the use of advanced data management tools and applied statistical and operations research techniques to analyze large real-world data sets to increase return on investment, improve customer retention, reduce fraud and improve decision making. Students receive training in SAS, SQL, R and other tools.	Master of Science in Analytics http://goo.gl/73Uu0
Maryland	Loyola University Maryland	Loyola offers an undergraduate Business Intelligence Certificate, which is certified by SAS. This certification provides students with a competitive advantage in applying for jobs in which data mining and business intelligence are an integral part.	SAS Certificate - Business Intelligence http://goo.gl/oBDxs
Maryland	University of Maryland	Launching in fall 2013, the Master of Science in Business for Marketing Analytics will give students the knowledge and skills they need to apply marketing analytics to daily business practice. Learn how to harness and process massive amounts of data to help design products, predict the effects of marketing campaigns, and better understand customers. The program will provide students with an understanding of the mathematical and statistical models and tools needed for customer analysis in the context of marketing problems.	Master of Science in Business for Marketing Analytics http://goo.gl/ggLj2

Massachusetts	Bentley University	The Master of Science in Marketing Analytics program teaches students how to become more engaged with consumers, how to design and deliver robust statistical analysis, and how to effectively communicate the resulting insights.	MS In Marketing Analytics http://goo.gl/Dff62
		MBA with a concentration in Business Analytics is designed for professionals looking to gain a competitive advantage through the use of data resources. The concentration provides a solid grounding in applied statistical methods with emphasis on the use of appropriate software tools.	MBA with Concentration in Business Analytics http://goo.gl/Oo4X8
		A SAS certificate in Business Data Analysis is also offered in the program.	SAS Certificate - Business Data Analysis http://goo.gl/hiYG0
Massachusetts	Boston University Metropolitan College	The Master of Science in Computer Information Systems concentration in Database Management & Business Intelligence provides hands-on experience with SQL using the Oracle and other DBMS and data mining tools. Students who complete this concentration will receive experience in the design and implementation of operational databases as well as the data warehousing, data mining, and related business intelligence technologies for managing the enterprise.	Master of Science in Computer Information Systems http://goo.gl/MEFNa
Massachusetts	Harvard	Students who complete the program will acquire mastery of approaches including mathematical techniques for modeling and simulation of complex systems, parallel programming and collaborative software development, and efficient methods for organizing, exploring, visualizing, processing and analyzing very large data sets.	MS in Computational Science and Engineering http://goo.gl/zponL
Massachusetts	Massachusetts Institute of Technology	MIT's diversified, specialized, and action-oriented curriculum is markedly rigorous and further distinguished by emphasis on analytical reasoning and quantitative analysis.	Master of Business Administration http://goo.gl/fcqr7

Michigan	Central Michigan University	The Data Mining Certificate program is a one-year program designed to give students a comprehensive training in basic foundation, advanced knowledge and applications of data mining. This graduate certificate program in Data mining integrates computing technology, statistical techniques and geographical information system (GIS) together. Students will learn and experience the process of handling raw data in databases, turning data into useful information, investigating and transforming information into meaningful knowledge.	SAS Certificate - Data Mining and GIS http://goo.gl/1vbau
Michigan	Michigan State University	The Master of Science in Business Analytics is offered by the Broad College of Business in collaboration with MSU's College of Engineering and College of Natural Science. The curriculum includes courses in business strategy, data mining, applied statistics, project management, marketing technologies, communications and ethics.	Master of Science in Business Analytics http://goo.gl/iBLl1
Michigan	Oakland University	Oakland University offers a one-year graduate program in Business Analytics.	Master of Science in IT Management - Business Analytics http://goo.gl/xAjrS
Michigan	University of Michigan Dearborn	At University of Michigan-Dearborn, the Master of Science Business Analytics program is designed for students who want to solve important business problems through the analysis of data and statistics. The program trains students to become data scientists and business analysts.	Master of Science in Business Analytics http://goo.gl/98vRR
New Jersey	Rutgers	The Master of Business and Science degree in Analytics prepares students for data-driven decision making. It brings together fields of data management, statistics, machine learning and computation. Students will obtain a variety of skills including the ability to analyze large datasets, to develop modeling solutions to support decision making and a good understanding of how data analysis drives business decision making. This program prepares students for careers as predictive modelers, data mining engineers or analysts in data-driven industries.	Master of Business and Science in Analytics http://goo.gl/zru65

		The Graduate Certificate in Computational and Data Enabled Science and Engineering is a cross-disciplinary graduate program administered by the Rutgers Discovery Informatics Institute (RDI2) and the Professional Science Master's Program. The program provides a multidisciplinary experience, and includes foundational and applied courses spanning modeling and computation, data management and analysis, and visualization.	Certificate in Computational and Data Enabled Science and Engineering http://goo.gl/Ets0m
New Jersey	Stevens Institute of Technology STEVENS INSTITUTE of TECHNOLOGY	Through blended courses in databases, data warehousing, data mining, social networking and risk modeling, the Masters of Science in BI and Analytics degree offers students experience in both theoretical and applied contexts. Students who earn a Business Intelligence and Analytics Master's Degree will also be eligible to receive a SAS certificate in Business Analytics jointly signed by SAS and SIT.	Master of Science in Business Intelligence & Analytics http://goo.gl/624lf SAS Data Mining Certificate http://goo.gl/hsur0
New York	Columbia	The Master of Science Machine Learning Track is intended for students who wish to develop their knowledge of machine learning techniques and applications. Machine learning is a rapidly expanding field with many applications in diverse areas such as bioinformatics, fraud detection, intelligent systems, perception, finance, information retrieval, and other areas.	Master of Science Concentration in Machine Learning http://goo.gl/hsur0
New York	Fordham University	Fordham's Master of Science Business Analytics program integrates analytic techniques, data management, IT, modeling, and statistics to train students to become effective analysts and informed users of business data. The MS in Marketing Intelligence program covers the fundamental marketing intelligence skills needed to make evidence-based decisions using qualitative and quantitative data.	Master of Science in Business Analytics http://goo.gl/t831d Master of Science in Marketing Intelligence http://goo.gl/4Ol0C

New York	New York University	The Master of Science in Business Analytics program is an advanced business degree that focuses on quantitative methods and the role of evidence-based data in business modeling and decision-making. The degree program is designed for professionals who have an interest in quantitative methods and exploring and uncovering economic relationships through data analysis.	Master of Science in Business Analytics http://goo.gl/B613Q
		The MBA specialization in Business Analytics teaches the use of data and models to support decision making in business. Students learn how to model such relationships as the impact of advertising on sales, how historical data predict stock returns, and how changes in task characteristics can influence time to completion.	MBA, specialization In Business Analytics http://goo.gl/ClKue
		The Master of Science in Data Science is a highly-selective program for students with a strong background in mathematics, computer science, and applied statistics. The degree focuses on the development of new methods for data science.	Master of Science in Data Science http://goo.gl/Vksyk
		The Master of Science Data Science Concentration program in scientific computing focuses on the mathematics and computer science related to advanced computer modeling and simulation (for those concentrating on modeling and simulation) and to data analytics (for those concentrating on data science). The program is similar in structure to terminal master's programs in engineering, combining classroom training with practical experience. The coursework ranges from foundational mathematics and fundamental algorithms to such practical topics as data visualization and software tools.	MS in Scientific Computing (Data Science Concentration) http://goo.gl/DYDtm
New York	Syracuse	This certificate includes a specialization of data analytics, data storage and management, data visualization, or general systems management. Core courses include databases, database management and data science.	Certificate of Advanced Study in Data Science http://goo.gl/ERZIx
Ohio	Ohio State University	This certificate program is from the SAS Institute, a technology leader who provides various Business Intelligence and Data Mining curriculum to the academic community.	SAS Certificate - Data Mining http://goo.gl/3gxtF

Ohio	University of Cincinnati	The Master of Science in Business Analytics is a degree combining operations research and applied statistics, using applied mathematics and computer applications, in a business environment; the program was formerly known as the MS in Quantitative Analysis (MSQA).	Master of Science in Business Analytics http://goo.gl/bS8Sx
Oklahoma	Oklahoma State University	This program is designed to produce analytically-savvy managers who will be adept at leading teams of IT, Marketing and Strategy personnel in any organization to solve complex business problems by analyzing appropriate data. The curriculum for the program was designed in partnership with SAS, a provider of business analytics software and services. The curriculum involves the use of Statistical analysis, Data mining (Machine Learning), Simulation and Optimization techniques to make better business decisions using appropriate data (numeric and non-numeric).	SAS Business Analytics Certificate http://goo.gl/JmkTK
		This SAS certificate program is designed to produce analysts who will be adept in extracting, exploring and analyzing large quantities of data (numeric and non-numeric) to discover meaningful patterns, develop prediction models and develop rules for making better business decisions. The curriculum involves the use of Statistical and Non-Statistical (Machine Learning) tools and techniques to discover meaningful patterns and to build predictive models using appropriate data (numeric and non-numeric) to help in decision-making.	SAS Certificate - Data Mining http://goo.gl/JBfRd
		This online program is designed to help working professionals who do not want to pursue a full master's degree yet want to enhance their data mining or business analytics skills by taking a set of courses online. Along with the graduate certificate in business data mining, students in this program will also receive either the SAS and OSU Data Mining Certificate or the SAS and OSU Business Analytics Certificate depending on their background and the courses they have taken in the program.	SAS and OSU Data Mining Certificate or the SAS and OSU Business Analytics Certificate http://goo.gl/NVmSq

Ontario	University of Ottawa	The Master in Electronic Business Technologies program focuses on the integration of information technologies with business processes and strategies within a dynamic legal and business environment. Research includes work on electronic commerce technologies and protocols (in particular wireless and multi-media), the analysis and development of algorithms and theories (in particular security, data mining, data warehouses, and distributed applications), the definition of standards, architectures and software engineering methodologies for developing electronic commerce systems, the experimental development of innovative applications (virtual environments, e-learning, personalization, electronic negotiations, business reporting, legislative compliance, and health care).	Master in Electronic Business Technologies http://goo.gl/ADCoV
Ontario	York University Schulich School of Business	The Schulich Master of Science in Business Analytics is an intensive one year full-time program. It consists of two terms of course work that focus on developing the quantitative and technical skills the industry demands, coupled with the communication skills and strategic mind set to transform data into a competitive asset.	MS in Business Analytics http://goo.gl/e6pSG
Pennsylvania	Carnegie Mellon University	The Master of Information Systems Management (MISM) degree with a Business Intelligence and Data Analytics (BIDA) concentration is developing graduates cross-trained in business process analysis and skilled in predictive modeling, GIS mapping, analytical reporting, segmentation analysis, and data visualization. The Master of Science in Machine Learning (data mining) incorporates a rich, interdisciplinary education by combining topics such as advanced machine learning algorithms, statistical principles that provide the foundations for these algorithms, database and data warehousing methods, complexity analysis, approaches to data visualization, privacy and security issues, and specific application areas such as business, marketing, and public policy.	Master of Information Systems Management-BI and Analytics Concentration http://goo.gl/IBkY5 Master of Science in Machine Learning http://goo.gl/pBN3c
Pennsylvania	Drexel University	Drexel's program is designed for students who have an interest in quantitative methods, exploring and uncovering relationships through data analysis, and using the data to solve business problems.The MS in Business Analytics is also ideal for MBA students seeking a quantitative second degree.	Master of Science in Business Analytics http://goo.gl/aDspS

Pennsylvania	St. Joseph's University	The Master of Science in Business Intelligence Program at Saint Joseph's University is designed for professionals by integrating technology and quantitative skills into a relevant, functional business context. The program provides in-depth knowledge and expertise on how data, analytics, and technology can be used to enhance organizational sense-making, decision-making, and performance.	Master of Science in Business Intelligence

http://goo.gl/z345S |
| | | The curriculum of the *online* Business Intelligence master's degree from Saint Joseph's University covers data mining, data warehousing, and data-driven communication to help graduates master front-to-back Business Intelligence skills. Graduates will also receive a Business Intelligence Certificate from SAS. | Master of Science in Business Intelligence (Online)

http://goo.gl/SfM77 |
| Quebec | University of Sherbrooke | The goal of an MBA with a concentration in Business Intelligence is to improve strategic decision making by managers, enabling them to more effectively exploit various sources of data. This is based on strategic analysis, information technology, statistics, data warehouses, and drilling to access internal and external sources of data, and then analyze them to produce information to guide strategic decision making. | Master of Business Administration Business Intelligence

http://goo.gl/fdDkI |
| Rhode Island | Bryant University | The Advanced Applied Analytics Center (AAAC) at Bryant University brings together students, faculty, practitioners and organizations from all disciplines for the study and application of analytical and visualization techniques to gain insights from "big data." This certificate program is from the SAS Institute, a technology leader who provides various Business Intelligence and Data Mining curriculum to the academic community. | SAS Certificate - Data Mining

http://goo.gl/EAbKV |
| South Carolina | College of Charleston | Claiming to be the first undergraduate Data Science degree to be offered in the country, DS graduates are prepared for high-paying jobs and graduate programs, because students are taught how to use the tools and problem-solving skills of mathematics and computer science as a way to obtain information from large, multidimensional datasets, data streams and complex systems. The program will challenge intellectually and prepare the student to be a leader in the business of knowledge acquisition and knowledge management. | Bachelor of Science in Data Science |

State	University	Description	Certificate / Link
Tennessee	University of Memphis	This program is an undergraduate certificate in Data Analysis and Programming Using SAS Software. Graduate students may enroll in the classes and earn the Certificate.	SAS Certificate – Programming http://goo.gl/3f6YT
Tennessee	University of Tennessee	Master of Science in Business Analytics students in this program develop an understanding of business—plus they develop the skills needed to work effectively in a business environment, and learn the analytic skills to solve business problems. In addition to the core analytic skills developed during the first year, the business analytics students choose one of two overlapping areas as a concentration: Applied Statistics & Process Optimization	Master of Science in Business Analytics http://goo.gl/u7VqC
Texas	UNT: University of North Texas College of Business Information Technologies and Decision Sciences center	The MBA in Decision Sciences provides an extensive base of knowledge of managerial responsibilities. The MBA program is designed for students who desire a more general management background than an MS in Decision Technology, which has more of a specialization and focus in the field. The Master of Science with a major in information technology and decision sciences is designed to provide an appropriate base of knowledge for entry into the management information systems or decision sciences profession. The program is intended for those students who desire a strong, specialist degree in the management of information technology or decision sciences. Because of its specialization and focus, the Master of Science with a major in information technology and decision sciences differs significantly from an MBA program, which is designed for those students who desire a more general management background.	MBA, Decision Sciences http://goo.gl/euMvQ MS, Information Technology & Decision Sciences http://goo.gl/IPPHf
Texas	SMU	The Graduate Business Analytics Certificate Program at the Cox School of Business enables business managers and business analysts to understand how information can be accessed from corporate databases and data warehouses, and how models can be built for a broad variety of decision problems. The modeling techniques range from traditional statistical models and optimization models to new techniques such as data mining and OLAP. This non-credit certificate program provides an in-depth look at how you can access information from corporate databases and data warehouses.	Graduate Business Analytics Certificate http://goo.gl/HpRdQ

Texas	Texas A&M University	Texas A&M offers a SAS Certificate in Data Mining. This is a joint Program with SAS. The Department of Statistics also offers a part-time Master of Science in Analytics (currently pending system and state approvals) that will offer courses from the top-ranked Mays Business School and will be open to working professionals with strong quantitative skills, for example bachelor's degree holders in the sciences, mathematics, business and engineering fields. Skills learned are applicable in utilities, manufacturing, information, healthcare, natural resources, transportation, warehousing, finance and insurance, and many other sectors.	SAS Certificate - Applied Analytics http://goo.gl/GFjy5 Master of Science in Analytics http://goo.gl/Jb61X
Texas	Texas Tech University	The program addresses data mining from a business perspective and also covers problem definition, team building, and solution strategies including data sources, business objectives, and implementation requirements. This certificate program is from the SAS Institute, a technology leader who provides various Business Intelligence and Data Mining curriculum to the academic community.	SAS Certificate - Data Mining http://goo.gl/JQRpV
Texas	University of Texas Austin	The Business Analytics concentration within the MSIROM degree program provides a strong foundation in data analytics by bringing together knowledge from applied statistics, applied mathematics, computer science, optimization, consumer behavior, risk management, operations research and decision theory. Students will use this training to solve real problems in finance, marketing, accounting, and scientific applications. Students will also complete a Business Intelligence Capstone class, which includes an industry-sponsored project that incorporates the benefits of an internship and case competition.	Master of Science in Business Analytics http://goo.gl/tlQR5
Texas	University of Texas Dallas	The program provides students with an opportunity to work with technology such as SAS Enterprise Miner, XL Miner and SAP Business Data Warehousing. This certificate program is a joint program with the SAS Institute, a leading platform for advanced analytical business intelligence software.	SAS Certificate - Data Mining and Business Intelligence http://goo.gl/soVkF

Virginia	George Mason University	The Bachelor of Science degree in Computational and Data Sciences is based on the combination of applied mathematics, real-world computer science skills, data acquisition and analysis, and scientific modeling. Graduates of the BS program in computational and data sciences will possess the mathematical, scientific, and computational skills.	BS Computational & Data Sciences http://goo.gl/mBQ7T
		The Master's program in Computational Science combines a solid foundation in information technology skills with computational courses in a variety of scientific areas.	Master of Computational Science http://goo.gl/HKqZj
		Founded in 1992, the Computational Sciences and Informatics (CSI) doctoral program addresses the role of computation in science, mathematics, and engineering, and is designed around a core of advanced computer technology courses. Computational sciences is defined as the systematic development and application of computing systems and computational solution techniques for modeling and simulation of scientific and engineering phenomena. Informatics is defined as the systematic development and application of computing systems and computational solution techniques for analyzing data obtained through experiments, modeling, database searches, and instrumentation.	PhD In Computational Sciences and Informatics http://goo.gl/B1wA1
Virginia	Virginia Commonwealth University	The Master of Science in Business with a Decision Sciences and Business Analytics concentration provides students with knowledge of quantitative skills and experience in analyzing problems and using data for decision-making in a business environment. Depending upon individual student interests and adviser approval, the required nucleus is supplemented with relevant elective courses from within the School of Business or from outside departments.	Master of Science in Business Decision Sciences and Business Analytics Concentration http://goo.gl/cbx2K
Washington	University of Washington	The Data Science Certificate helps develop computer science, mathematics and analytical skills in the context of practical application needed to enter the field of data science. Discover how to use data science techniques to analyze and extract meaning from extremely large data sets, or "big data." Become familiar with relational and non-relational databases as well as the strengths and weaknesses of database systems in an analytics context. Apply statistics, machine learning, text retrieval and natural language processing to analyze data and interpret results. Practice using these tools and techniques on data sets of increasing complexity and scale. Understand how to apply data science to real-life scenarios.	Certificate in Data Science http://goo.gl/nh5k8

History and Contact Information

In early 2013, StatSlice Systems posted a question on various BI, Analytics and Data Warehousing LinkedIn™ Groups, asking what group members knew was being offered in universities and colleges—either locally or from their alma mater(s).

There was a large response with many good details on what universities were doing. It prompted us to dig deeper and to build a master list based on the responses from the LinkedIn™ Groups and our own subsequent research.

The list above is the first release of those findings. To download the PDF report, go to www.statslice.com/university-report. We will add updates to the report as we get additional feedback. Please email us at info@statslice.com to provide updates or additions. It is alphabetized by State or Province (Canada). Each university has a link to the program we described. For this release, we did not include any universities outside the U.S. and Canada. International programs will be considered for a future version.

The StatSlice Management Team
May 2013