

M.S. in Data Analytics

What can I do with this major?



Related Career Titles

Search for potential position titles within multiple career industries.

Possible Position Titles

Data Analyst
Systems Analyst
Data Architect
Business Analyst
Digital Data Analytics Manager
Financial Analyst
Business Intelligence Developer
ETL Developer
Solutions Architect
Systems Analytics Director
Business Intelligence Manager

Industries

Bioinformatics
Finance
Government Agencies
Healthcare
Higher Education
Insurance
Information Technologies
Robotics/Manufacturing
Telecommunications

What is M.S. in Data Analytics?



The Master of Science in Data Analytics is an application-based master's program that allows motivated, ambitious students to learn the statistical and computation tools to assemble, structure, and analyze large data sets; learn to manage large projects involving big data; and effectively communicate findings, visually, orally and in writing. The Data Analytics program is designed to meet the increasing need for highly skilled data analysts who can analyze the growing amount of data confronting a variety of disciplines, and transform it into usable information for use in decision-making. The program is a university-wide collaboration that delivers rigorous training in statistical analysis and computational techniques, and provides mastery of data analysis tied to interdisciplinary applications.

Interested in discussing your career path possibilities?

Visit S-402 or
Call 713-221-8980
The Career Development Center

Professional Organizations

Affiliate yourself with groups to network and learn about the field

- ✓ *Data Management Association International (DAMA)*
- ✓ *Data Science Association*
- ✓ *International Institute of Business Analysis (IIBA)*
- ✓ *Digital Analytics Association*
- ✓ *The Association of Financial Analysts*

Explore Career Specific Websites

www.dama.org | www.datascienceassn.org | www.iiba.org/
| <http://finance.alltheanalysts.com/> | www.digitalanalyticsassociation.org
www.analytics-magazine.org

Community Partnerships

Research location organizations offering internships to students pursuing a Data Analytics.

For students currently employed, consider opportunities within your organization or business by approaching your employer directly. For students entering a new industry, schedule an appointment with the Career Development Center for assistance.

Ana Johnson

Houston, TX | (999) 999-9999 | ana@ email.com

DATA ANALYST

SUMMARY

Proactive, results-driven professional with a solid track record of providing support to maintain and expand existing data collection and data delivery platforms. Well-versed in creating new data collection systems that optimize data management, capturing, delivery and quality. Special talent for acquiring data from different sources and develop data systems that support analysis and reporting.

SKILLS

Tools: R Studio, Tableau, Excel
Databases: Oracle SQL Developer, MS SQL Server, MySQL
Programming: R, SQL, Python, C++, HTML, VBScript
Relevant Coursework: Data Mining, Information Visualization, Design and Analysis of Experiments, DBMS, Decision Modeling for Supply Chain

EDUCATION

University of Houston-Downtown, Houston, TX
Master of Science in Data Analytics May 2017
GPA: 3.54

University of Houston-Downtown, Houston, TX
Bachelor of Science in Applied Statistics May 2004

PROFESSIONAL EXPERIENCE

AAAA Financial Services, Houston TX March 2011 – Present
Data Analyst

- Analyze given data using R Studio and draw correct inferences in keeping the objectives of the analysis
- Calculate specified problem, state of affairs and crisis; examine for solutions using data analysis practices and arrange analysis reports
- Determine methodologies and procedures for carrying out effectual data analysis
- Provide training to 3 staff members on the new systems being implemented
- Gather data necessary to accomplish analysis from a number of sources, accumulate together in prearranged format and enter the data in several data analysis software

Star Communications, Houston TX May 2006 – March 2011
Junior Data Analyst

- Reviewed possibility of entering an agreement, undertaking a project, purchasing or advertising assets or planning growth, to help managers make sound business decisions
- Maintained the research database, renew and improve it from time to time and make sure safe storage of data
- Arranged analysis reports and be accountable to answer any queries, complaints or proposal

ADDITIONAL SKILLS

Language: Fluent in Spanish (reading, writing and speaking); Conversational in French