



CAPELLA UNIVERSITY

What can I do with a Master of Science in **Analytics?**

Use this resource to research some of the career options associated with this degree and specialization. Please refer to the **User Guide** or **Video Tutorial** for more detailed tips on how to make the most of this resource.

About this specialization

The Master of Science in Analytics degree program prepares data analytics professionals to work with, understand, and transform data to develop solutions that resolve applied problems while effectively providing insights and communicating results to the organization. Throughout the program, learners develop skills in data sources, statistics, data mining, applied analytics and modeling, leadership, reporting, forecasting, and visualization in order to solve problems within a variety of industry domains. Additionally, learners strengthen their collaboration, communication, presentation, and negotiation skills. Upon successful completion of this degree program, learners are prepared to pursue careers in the diverse field of data analytics

Common job titles*

The sample job titles below represent a range of options for professionals with this degree and specialization. While some titles represent entry-level positions, others may require previous experience in the field.

- Data scientist
- Research scientist
- Business analyst
- Data analyst
- Business intelligence developer
- Business systems analyst
- Business intelligence analyst
- Financial analyst
- ETL developer
- Systems analyst
- Data architect
- Solutions architect
- Consultant
- Adjunct or part-time faculty
- Full-time faculty

*These are examples intended to serve as a general guide. Because many factors determine what position an individual may attain, Capella cannot guarantee that a graduate will secure any specific job title.



Potential employment settings

Professionals with this degree and specialization may work in a variety of industries and settings. The following list of employment settings is not exhaustive, but is intended to provide an introduction to the opportunities in this field.

- Corporation
- Consulting firm
- Military
- Government—local, state, federal
- Community college
- Land-based or online college or university
- Nonprofit organization

Samples of associated skills

- Formulating organizational problems to be solved using analytics to provide actionable alternatives
- Selecting and using appropriate analytic tools
- Applying foundational theories of the field
- Applying ethical considerations to the analysis and presentation of results
- Applying communication skills to collaborate with stakeholders
- Representing data and information through effective reporting and visual analytics
- Developing models using both structured and unstructured data from multiple sources

Sources for job listings

Explore specific job postings to clarify your career goals, better understand the required skills and experience, customize your job search documents, or target your job search.

Indeed

www.indeed.com

USAJOBS

www.usajobs.gov

LinkUp

www.linkup.com

Computer Work

www.computerwork.com

Dice

www.dice.com

LinkedIn

www.linkedin.com

IEEE Job Site

<http://careers.ieee.org>



Professional associations & industry information

Utilize professional associations to gain familiarity with the field, learn about current issues and industry trends, identify opportunities to get involved, make professional connections, and contribute your subject matter expertise. Consider joining state or local chapters to meet professionals in your region.

SAS

<http://communities.sas.com>

Association for Computing Machinery

www.acm.org

Association for Women in Computing

www.awc-hq.org

Association of Information Technology Professionals

www.aitp.org

Association for Information Systems

www.aisnet.org

Data Science Association

www.datascienceassn.org

Enterprise News and Reviews

www.eweek.com

InformationWeek

www.informationweek.com

O*Net Occupational Information Network

www.onetonline.org

Southern Association for Information Systems

<http://sais.aisnet.org>

ZDNet

www.zdnet.com

Wall Street Journal Career Journal

www.careerjournal.com

Salary information

JobSmart Salary Survey

www.jobstar.org

Occupational Outlook Handbook

www.bls.gov

Salary.com

www.salary.com

NACE Salary Calculator

www.jobsearchintelligence.com/NACE/jobseekers/salary-calculator.php



Career Center resources & services

The Career Center assists learners and alumni in developing and implementing their career management goals resulting in measurable career outcomes. Career counselors serve learners and alumni in all Capella University schools and degree programs. Services are free of charge to learners and alumni.

iGuide Career Center

This comprehensive career site contains a wealth of information on career planning, job searching, resume and CV writing, interviewing, and more.

Career Connection

Career Connection allows users to search for jobs, research employers, or apply for jobs with employers who are interested in recruiting Capella learners and alumni. In addition to the jobs posted in the Capella Network of employers, users can extend their search and find additional employment opportunities through a national network of employers.

Career counseling and job search advising

Career counselors consult with learners and alumni individually by phone and e-mail.

Resume and curriculum vitae (CV) review

Career Center staff members are trained in resume and CV critique. The online Career Center in iGuide provides sample resumes, CVs, and cover letters to help learners and alumni get started. When the draft is ready, Career Center staff work with the learner or graduate to transform the documents into effective self-marketing tools.

On-demand tutorials

Recorded interactive media pieces are created specifically for Capella's learners, alumni, and prospective learners. The interactive elements provide you opportunities to work with the material in a meaningful way and make connections to your experiences and situations. Because they are recorded, you can access them at your convenience.

Career seminars

The Career Center offers free, five-day seminars, which are facilitated by Career Counselors in the Capella courseroom and are designed for learners enrolled in all specializations.

- *Career Exploration and Planning* seminar focuses on articulating skills, interests, and work values; gaining a better understanding of target industries and professions; and creating an action plan to move toward the desired career goal.
- *Effective Job Search Strategies* seminar focuses on specific job search strategies to help you meet your short-term employment goals, as well as strategies for managing your career over the long-term.

Visit the online [Career Center](#) to learn more about services and resources available to help you reach your career goals.

See graduation rates, median student debt, and other information at www.capellaresults.com/outcomes.asp

ACCREDITATION

Capella University is accredited by the Higher Learning Commission.