KING GRADUATE SCHOOL
MONROE UNIVERSITY

ADVANCED CERTIFICATE IN DATA SCIENCE

About the Program

If you have an earned graduate degree in Computer Science, IT, CIS, or a similar program, this 18-credit Advanced Certificate program is the next step to increase your marketability in the growing field of Data Science. Industries worldwide know that developing their data science capabilities is necessary to remain competitive. Governments, nonprofits, and NGOs recognize the huge impact of predictive analytics on their work.

Career Opportunities

Students who complete the program will be prepared for various industry-recognized certifications such as:

- Certified Analytics Professional (CAP)
- Data Science Council of America (DASCA)
- IBM Certified Data Architect
- Microsoft MCSE: Data Management and Analytics
- Microsoft Certified Azure Data Scientist Associate
- SAS Certified Advanced Analytics Professional
- SAS Certified Big Data Professional
- SAS Certified Data Scientist

Flexible Study Options

On-Campus/Hybrid/Online

Contact Information

U.S. Citizens/Permanent Residents

Bronx Campus

Monroe University King Graduate School
2375 Jerome Avenue
Bronx, NY 10468

New Rochelle Campus

Monroe University King Graduate School
434 Main Street,
New Rochelle, NY 10801

International Students

Monroe University King Graduate School
Office of International Programs
434 Main Street, New Rochelle, NY 10801

Students applying to the Saint Lucia Campus should send correspondence to:

Monroe University
P.O. Box CP5419, John Compton Highway
Castries LC04 101, Saint Lucia

For more information about the Advanced Certificate in Data Science,
please contact the King Graduate School or visit our website:
Phone: 1.800.556.6676; **Email:** king@monroeu.edu; **Website:** www.monroeu.edu/king

WWW.MONROEU.EDU/KING

See reverse side for course requirements

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Academic Calendar & Application Deadlines

Semester	Complete by:
Fall (Sep–Dec)	August 31
Winter (Jan–Apr)	December 31
Spring (May–Jul)	April 30

International applicants are encouraged to apply three months before the start date.

The Advanced Certificate in Data Science is an 18-credit program designed to be completed in three semesters of full-time study. Students may complete the program in two semesters with the approval of the dean.

Required Courses (18 credits)

CS 617	Statistical Computing
CS 628	Data Science
CS 655	Machine Learning
CS 665	Analytic Techniques
CS 675	Big Data: Management and Analytics
CS 703	Applied Data Science Project

Admission Requirements

Admission to the Advanced Certificate in Data Science is open to individuals who hold a Master's degree or its international equivalent in a related field from an accredited institution. Admission decisions are based on a holistic evaluation of each applicant.

Applicants seeking admission to the advanced certificate program must provide the following:

- Completed admission application
- Personal statement
- Official transcripts (from all prior graduate programs of study)
- Two professional recommendations
- Current resume

Candidates participate in an interview either virtually or in person with an admissions committee representative.

S.E.V.I.S.
Student and Exchange Visitor Information System

Monroe College's Advanced Certificate in Data Science is approved by the Student and Exchange Visitor Program (SEVIS).