

KING GRADUATE SCHOOL MONROE COLLEGE

March 13, 2023

To whom it may concern,

The purpose of this letter is to provide additional information about the 18-credit Advanced Certificate in Data Science program at Monroe College.

This post-master's program is designed for students who have completed their graduate degree in Computer Science, Information Technology, Computer Information systems or other related fields of study. The program allows those who already have a master's degree to achieve a higher level of education and advance their theoretical, analytical, practical skills, and industry expertise through

- Statistical and object-oriented programming
- Big data management and analysis
- Machine learning
- Scientific methods, processes, and analytics

Since this is an advanced or post-master's certificate program, it allows professionals who currently hold a master's degree to enhance their skills, knowledge and industry expertise beyond the master's level. Students can build upon their graduate studies and gain specialized knowledge with credentials, which can help them qualify for new career opportunities, enhance job prospects, and improve job satisfaction.

Graduate education provides the critical foundation for progressing in this program. Therefore the admission criteria for this program requires that students have earned a master's degree or its international equivalent in computer science or a related field of study to be accepted in this Advanced Certificate program.

With the increased level of education this certificate program offers, students completing the program can qualify for employment as an Associate Data Scientist, Data Scientist, Data Analyst, Machine Learning Engineer, Applied Data Scientist, Predictive Analyst, Senior Data Scientist, Data Statistician, Technical Analyst, Instructor, or Data Engineer in private, government, and non-profit sectors. Additionally, students who complete the program will be prepared for various industry recognized certifications such as Big Data, Artificial Intelligence, Cloud Technologies, Data Science, Statistical Programming, and Machine Learning.

Please feel free to contact me if you have any questions or if you need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Roberta M. Harris', written in a cursive style.

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