Data Analytics Certificate

Data Analytics Certificate Program Learning Outcomes

At the successful completion of this certificate, students will be able to:

1. Compose solutions to computational problems using fundamental programming abstractions.
2. Apply data and statistical best practices to collect, cleanse, transform, and store data for subsequent analysis.
3. Evaluate and use appropriate statistical concepts to respond to a variety of problems/issues from various disciplines.
4. Create graphically encoded data in useful formats from previously analyzed data and demonstrate the accurate communication of the findings for data problems to decision makers with diverse skill levels.
5. Develop, test, and implement a mathematical model of their own devising by working in teams to solve interdisciplinary problems, and write a professional report describing their model and results that meets the practical constraints of a client.