



DATA ANALYST II, TECHNICAL CERTIFICATE

Program Code: 6379

Career Pathway: Science, Technology, Engineering, and Math

Program Entrance Requirements: HS Diploma or GED

Program Description: The Data Analyst Technical Certificate equips students with the skills to extract valuable insights from data, translate them into compelling visuals, and leverage machine learning techniques for informed decision-making. The program prepares students for entry-level data analyst positions in various industries. Through a blend of coursework and hands-on labs, you'll gain expertise in: Data Fundamentals, Databases and SQL, Data Visualization, Statistics and Probability, Machine Learning Fundamentals.

Course	Title	Credits
CGS1510C	EXCEL DATA ANALYSIS	3
COP1000C	INTRODUCTION TO COMPUTER PROGRAMMING	3
STA2023	STATISTICS	3
COP2071C	SQL FUNDAMENTALS	4
CAP2787C	DATA WAREHOUSE AND DATA MINING FUNDAMENTALS	3
CAP2788C	DATA+	3
ISM2139C	ADVANCED DATA VISUALIZATION WITH EXCEL	3
ISM2410C	ANALYZING AND VISUALIZING DATA WITH POWER BI	4
COP2044C	MACHINE LEARNING WITH PYTHON	4
Elective	Math or Internship or IT Elective ¹	6
Total Credits		36

¹ Any course with a computing prefix beginning with - CAP, COP, CIS, CTS, ISM

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.