

DATA—PRACTICAL DATA SCIENCE

Certificate

The Certificate in Practical Data Science is a rigorous program and is designed for undergraduate students and will supplement current administrative, journalistic and technical careers with marketable skills. Upon completion, students gain a foundational understanding and related competencies in many facets of effective communication with data.

Competencies developed include conducting surveys and experiments, data wrangling, cleaning, sampling, analyzing, and visualizing of data, and more. Topics pertaining to the analysis and presentation of big data will be explored.



Intended as a stand-alone certificate, students will be able to apply data analysis skills in any career or job that requires reporting from quantitative and qualitative sources of information.

Career Possibilities

Job Title	Average Salary
Computer Operators	\$46,240
Data Entry Keyers	\$35,940
Market Research Analyst	\$63,920
Database Administrator	\$101,000

The careers listed above may require additional education beyond an Associates Degree. For more information about the outlook and trends, please visit the Bureau of Labor Statistics: www.bls.gov.

TAKE THE NEXT STEP!

Apply today: greatbay.edu/admissions
gbadmissions@ccsnh.edu | (603) 427-7632
320 Corporate Drive
Portsmouth, NH 03801

Your Road to *Success*

CAN BE COMPLETED IN
3 SEMESTERS

PRACTICAL DATA CURRICULUM:

First Semester:

ARTS 125G - Visual Language
DATA 210G - Elements of Data Science
MATH 210G - Precalculus*

Second Semester:

CIS 177G - Intro to Python Programming
MATH 235G - Statistics for Engineers & Scientists
DATA 220G - Intro to Analytics with R

Third Semester:

DATA 225G - Analytics Capstone

*MATH 225G - Probability & Statistics may substitute for MATH 210G

Courses are subject to change. Please refer to Catalog for suggested pathway.

Revised 8/1/2023



CHOOSE COMMUNITY

WHY GREAT BAY?

- 60+ Degree/Certificate Programs
- Small class sizes (avg 15:1 student/faculty ratio)
- Highly qualified and experienced faculty
- Transfer to 4-year or direct to career after graduation
- 70% of full time students receive financial aid
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- Academic Support to include free tutoring
- Athletics and Student Life opportunities
- Flexible campus, online, hybrid course options
- **Lowest tuition and fees in New Hampshire**



Want to find out more? Click the QR code to visit the Great Bay Admissions webpage, where you can learn how to apply, explore all our academic programs, take a virtual campus tour, or sign up for an open house or information session.

Ready to Take the Next Step?

Contact Admissions at (603) 427-7632 or gbadmissions@ccsnh.edu

