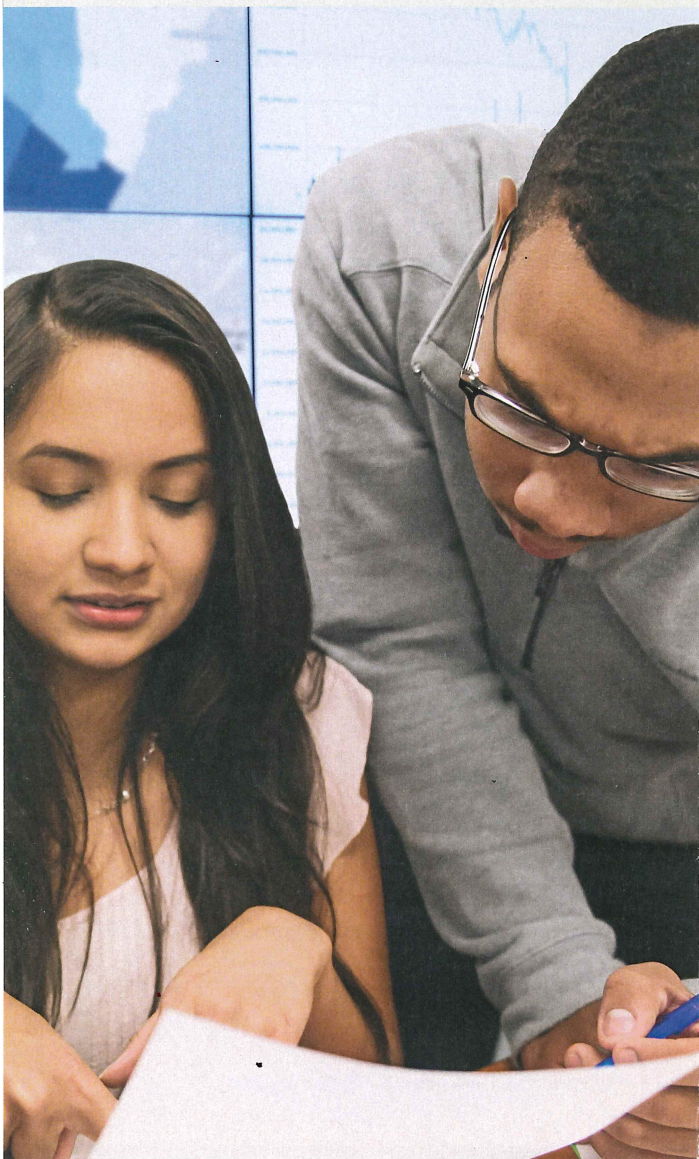


## Start Your Data Science Career

The U.S. Bureau of Labor Statistics predicts an increase in data jobs by 28% through 2026, (that is 11.5 million new jobs) with salaries ranging nationally from \$85,000 to \$119,000.\*

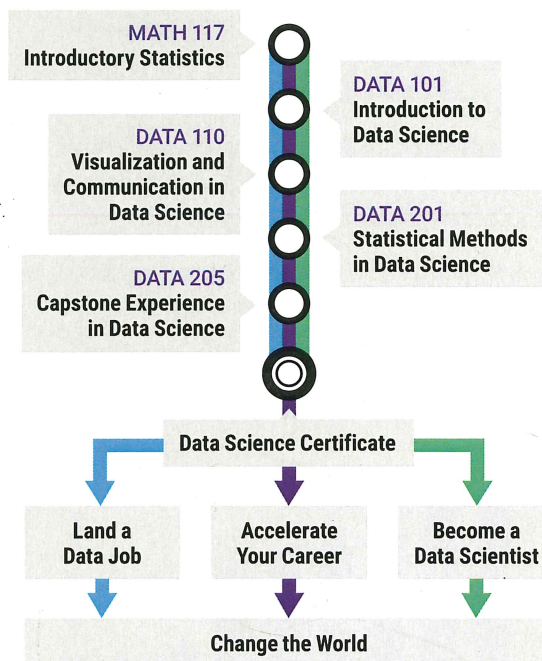
\*Source: randstadusa.com, 2019 Salary Guide



## Data Science Certificate Pathway

Earn a certificate with only five courses (completed in three semesters, or two if you have already taken statistics).

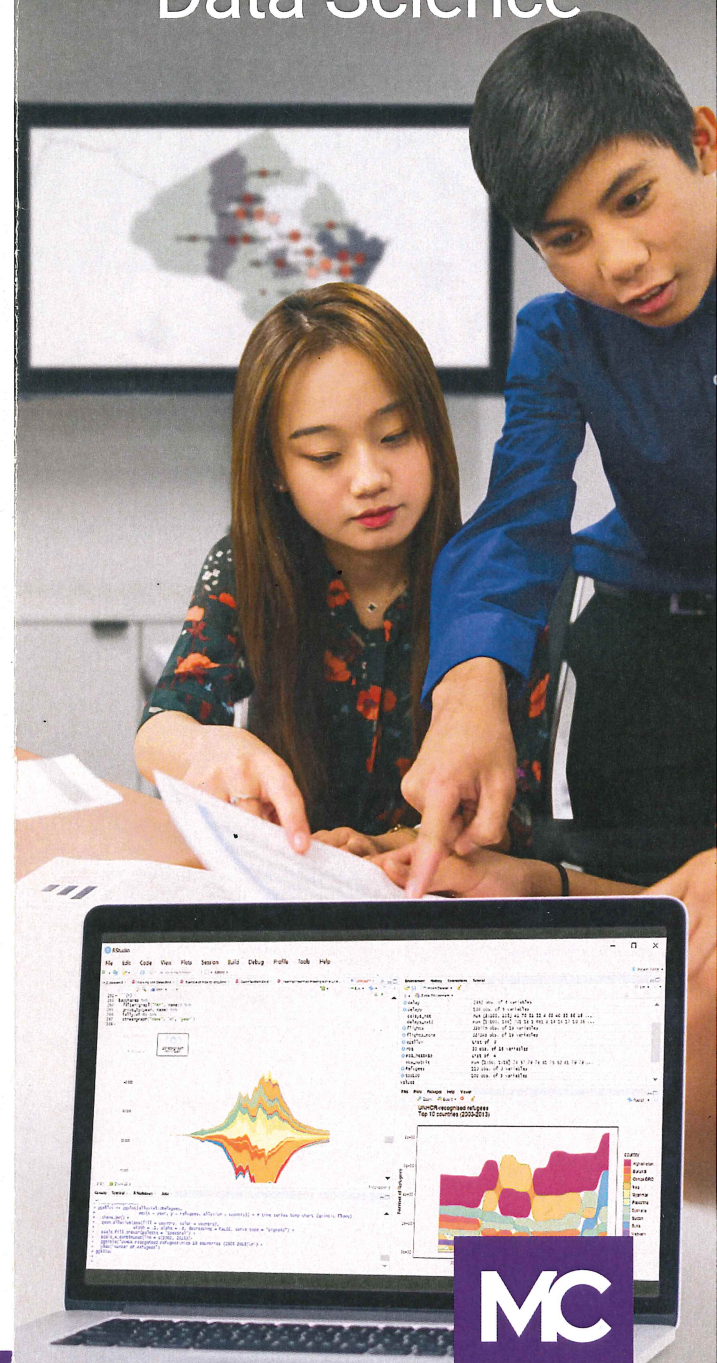
- MATH 117 or MATH 217 or BSAD 210 – Choice of one: Introductory Statistics, Biostatistics, or Business Statistics
- DATA 101 – Introduction to Data Science
- DATA 110 – Visualization and Communication in Data Science
- DATA 201 – Statistical Methods in Data Science
- DATA 205 – Capstone Experience in Data Science



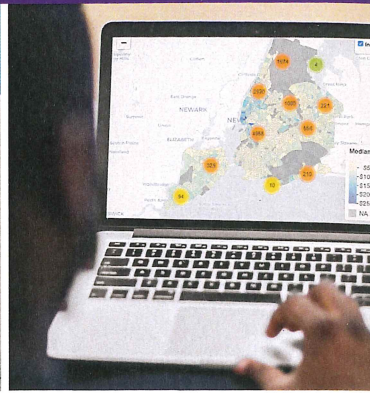
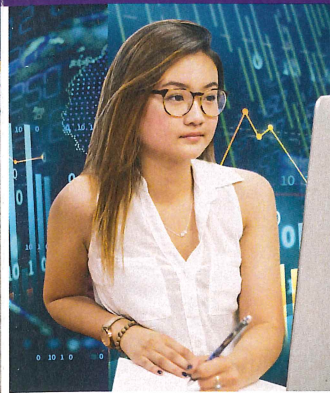
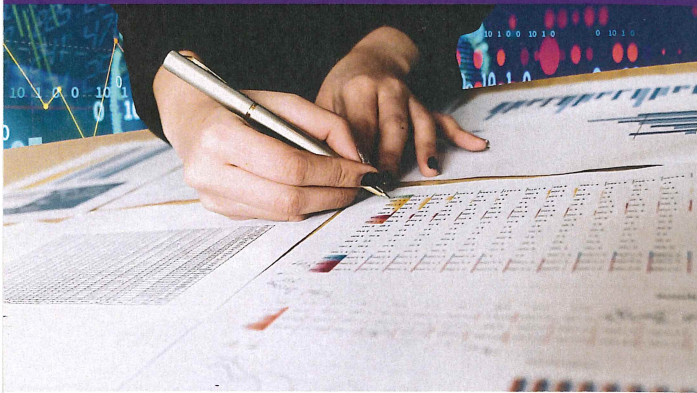
Produced by the Office of Communications, 3/2022

Montgomery College is an academic institution committed to promoting equal opportunity and fostering diversity among its students, faculty, and staff.

## Data Science



# Data Science at Montgomery College



Montgomery College data science programs offer focused, flexible, and affordable options for acquiring new skills and credentials in data science—one of today's fastest growing career fields. Pursue a certificate (only five courses), an associate's degree (then transfer to a four-year program), or take just a few courses to accelerate your career.

## Degree and Certificate Programs

### Associate's Degrees

**A.S. Data Science**

**A.A. General Studies STEM with  
Data Science Concentration**

### Certificates

**Data Science**

## Learn More

[montgomerycollege.edu/datascience](https://montgomerycollege.edu/datascience)

Email: [data.science@montgomerycollege.edu](mailto:data.science@montgomerycollege.edu)

## Start Now

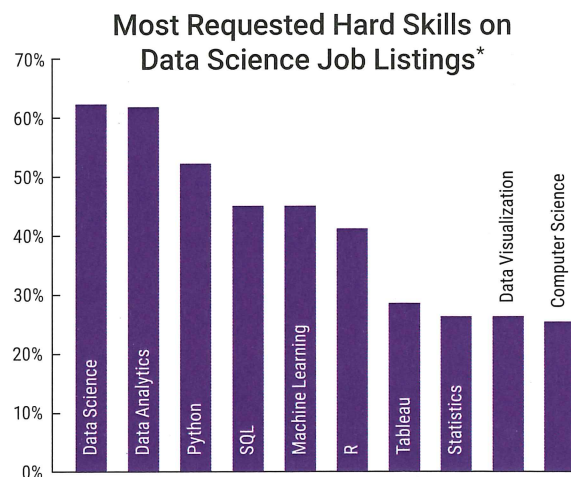
MC Admissions: [montgomerycollege.edu/apply](https://montgomerycollege.edu/apply)

## Career Readiness

Learn popular programming languages and environments for data analysis such as R and R Studio, Python, Tableau, GIT, GitHub, and SQL to be competitive in the job market.

Assess different analysis and data management techniques and justify the selection of a particular model or technique for a given task.

Execute analyses of large and disparate datasets and construct models necessary for these analyses.



\* Source: [economicmodeling.com](https://economicmodeling.com), Data Science Job Posting Analytics; EMSI Q3 2021 Data Set

## Uniquely MC

### Save \$ = No Textbooks Required

Data science courses at MC are Z courses, which means instructors provide textbook/instructional materials electronically at no extra charge.\*\*

### Capstone Experience

You will pursue an authentic, real-world, semester-long project in DATA 205 using data sets from a local government or industry partner (e.g., Montgomery County) and then present your work to a number of stakeholders.

### Build Your Skills Outside the Classroom

Join activities outside the classroom such as DataFest, an annual event where undergraduate students collaborate with mentors and industry professionals in a competition of data analysis and data presentation.

### Extraordinary Support

MC students enjoy small class sizes, expert and caring faculty, and access to the College's student resources, including study centers/libraries, academic advising, and other campus resources.

Degree-seeking students may apply for financial aid/transfer scholarships.

\*\* Does not include electives: MATH 217 or BSAD 210