

# Institute for Data Science and Big Data

**January 2-8, 2022**  
**Held In-Person**

 **SCHOOL of PUBLIC AFFAIRS**  
AMERICAN UNIVERSITY • WASHINGTON, DC

Learn the basics of data science and become part of one of today's most dynamic professions. Upgrade your skills and position yourself for exciting opportunities that are in great demand across a multitude of industries.

Join us at our annual **Institute for Data Science and Big Data**, a seven-day online immersive educational experience designed for AU students and working professionals, to gain the skills needed to succeed in this rapidly emerging field.

**Statistical topics include:**

- exploratory methods
- graphics
- regression
- machine learning
- ensembles
- clustering analysis
- Bayesian approaches

**Technical skills include:**

- R
- Python
- Pandas
- JavaScript
- HTML/CSS
- API Interactions
- Social Media Mining
- SQL
- Tableau
- GitHub
- and more

Consider joining the profession ranked #3 among the Best Jobs in America (Glassdoor 2020), in an industry projected to grow more than 30% over the next decade (Bureau of Labor Statistics, 2019).

Application deadline is **December 15, 2021**. To apply, submit a resume and letter of interest to [dsi@american.edu](mailto:dsi@american.edu).

For more information, visit <https://www.american.edu/spa/data-science/data-science-institute.cfm>