

Data Scientist

One of the best jobs in America for the past five years

2021 mean salary - \$113,309 (Glassdoor)



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Disrupting Every Sector!

Data Science

Ying Wu College of Computing





Data Science

Data science is the practice of extracting information and structure from data to solve problems. This emerging field has been disrupting every sector of industry through rapid integration of technology, algorithms, data and mobile apps.

Data Science

Data Science grew out of a combination of advances in Computer Science with methods from Statistics. In recent years, the development of new hardware, new data-centric computing methods, and the availability of new data sets of previously unimaginable sizes created the opportunity to extract novel actionable information from this data. It became clear that a distinct new field of study had arisen out of Computer Science that is now called Data Science. While many of the fundamentals are common to the two disciplines, the latter has developed a distinct set of methods and technologies that make it an indispensable discipline for research, scholarship, and education.

Department of Data Science

The Department of Data Science was established in July 2021, reflecting the significant steps taken in recent years by the Ying Wu College of Computing to position itself as a leader in all aspects of computational education and research. Offering degrees at all levels, the programs in data science prepare graduates to meet the critical and growing need for a workforce trained in this field in industry, research labs and government. Students will acquire the skills to handle the entire pipeline of data processing, such as data collection, storage, representation, knowledge extraction, visualization, mining and analytics, machine learning algorithms, artificial intelligence and data privacy.

Located in the heart of the region where data scientist jobs are most needed in the US, NJIT is strategically investing in data science education to bring significant financial benefits for the tri-state region. According to the U.S. Bureau of Labor Statistics, the New York-Newark-Jersey City metropolitan region has the highest number of jobs for data scientists and mathematical scientists in the nation.

Department Offerings

Programs are offered at our Newark (NWK) and Jersey City (JC) campuses and Online (O)

Degrees & Certificates

Undergraduate

B.S. in Data Science (NWK)

Graduate

M.S. in Data Science (JC) (NWK) (O)

M.S. in Artificial Intelligence (pending final approval)

Graduate Certificates

Big Data Essentials (JC) (NWK) (O)

Data Mining (JC) (NWK) (O)

Data Visualization (JC)

Artificial Intelligence (pending final approval)

Doctoral

Ph.D. in Data Science (pending final approval)



Visit ds.njit.edu for more information about these degrees and certificates