

# Data Science Education: Undergraduate Major, SEED2S, and MS Program

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- Data Science Undergraduate Major
  - Offered by SAS and SCI, with participation by SEBS and SoE, hosted in SAS
  - Designed to be widely accessible to students from diverse backgrounds
  - 5 tracks leading to BS or BA (launched Fall 2023)
    - Economics, Chemistry, Societal Impact, CS, Statistics
  - Minor (launched Fall 2021) and Certificate (launched Spring 2021)
  - AY23/24: 17 BS/BA, 70 minors; AY24/25: expecting >100 BS/BA
- SEED2S: Student Excellence, Equity, and Diversity in Data Science
  - Advance student success, enhance the student experience, and support student retention within a welcoming and inclusive environment
  - Peer mentoring
  - SEED2S+X (X = partner internal or external to Rutgers)
    - Experiential learning opportunities for participating students
  - Served 3 cohorts totaling close to 200 students

- MS in Data Science (MSDS) program offered by SAS Department of Statistics
  - ~200 enrolled students
- MS in CS, concentrations in Massive Data Analytics, AI/ML, Visualization
  - ~200 enrolled students
- Tools development in SAS/CS
  - CS placement testing
  - Local Jupyter lab and notebook server
  - Active textbook
  - Data generation (e.g., data puzzles)
  - CodeBench
- Collaboration for PhD training in DS/AI/ML?