Would you make a good **Bioinformatics Data Scientist**?

What Bioinformatics Data Scientists Do

Bioinformatics Data Scientists develop and apply cutting-edge computational methods and tools to analyze large collections of biological data to make new predictions or discover new biology. The interdisciplinary biology and computational methods used include analytical skills, mathematical modeling and simulation.



Education



A Doctorate in computation biology is required. Undergraduate studies may include a Bachelor's degree in life and physical sciences, biology, or computer science. Graduate studies typically include courses in molecular biology, genetics, chemistry, statistics, linear algebra and computer programming.

EXPECTED SALARY RANGE

$50,000- $142,000

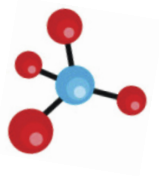
(median pay $95,000)

Skill Builders:

ANALYTICAL SKILLS
CRITICAL THINKING SKILLS
PROBLEM SOLVING SKILLS
ADVANCED MATH SKILLS
COMMUNICATION SKILLS
COMPUTER SKILLS

Job Outlook

Currently, a bioinformatics data scientist is one of the top promising jobs projected to grow in the future. Scientists who can analyze large amounts of information and present it in a clear manner to decision-makers are in large demand, especially in the biotechnology sector.



Get a Head Start...with these classes in middle and high school:

- **ALGEBRA**
- **BIOLOGY**
- **PHYSICAL SCIENCE**
- **MATHEMATICS**
- **COMPUTER SCIENCE**
- **STATISTICS**

Career Opportunities:

With an education in Bioinformatics Data Science, you could also be a: Computational Biologist, Genomic Data Scientist, Research Statistician, Software Developer for Systems.

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Salary information comes from data points collected directly from employees, users, and past and present job advertisements on Indeed.com during 2017-2019.

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