



# CAREERS IN STATISTICS & DATA SCIENCE

Graduates in statistics and data science are in high demand in today's data-driven world. With their skills in analyzing and interpreting complex data, they can pursue a broad range of fulfilling and well-paying careers in various industries.



## CAREER ROLES

### Data Scientist

- Develops and applies machine learning models to extract insights from data

### Data Analyst

- Collects, cleans, and analyzes data to discover patterns, trends, and insights that support decision making.

### Data Engineer

- Designs, builds, and maintains data pipelines and databases to ensure reliable and efficient data flow for analysis..



### Statistician

- Designs surveys, experiments, and analyzes data to identify trends and inform decisions.



### Biostatistician

- Applies statistical methods to research in the medical and biological sciences.



### Actuary

- Analyzes financial risk and uncertainty for insurance, pensions, and other financial sectors.

## INDUSTRIES HIRING STATISTICS & DATA SCIENCE GRADUATES

### Healthcare

- Medical research, public health, pharmaceutical analysis.

### Technology

- Software development, AI & machine learning, tech analysis.

### Education

- Statistical education, educational research, institutional analytics.



### Finance

- Risk assessment, financial forecasting, quantitative trading.



### Government

- Policy analysis, demographic surveys, defense analytics.



### Consulting

- Business intelligence, market research, operations analytics.

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