



**Statistician**



**Data scientist**

**Swipe to learn difference between statistician and data scientist**

# Data Scientist



- They use advanced mathematics and statistics to derive new information from data.
- They model big data for analysis towards understanding trends, patterns, behaviors and business performance.
- They use their analytical and technical capabilities to extract meaningful insights from data.



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# Statistician



- They gather and evaluate information, searching for behavioral patterns or environment descriptions.
- A statistics scientist creates and uses statistical or mathematical models to gather and sum up helpful data to assist fix real issues.
- They understand statistics theoretically and apply them to real life problems.



# Skills

## Statistician

- Programming
- Business Understanding
- Mathematics
- Statistics
- Data visualization
- Machine learning
- Database
- Big data
- Business Acumen
- Communication skills

## Data scientist

- knowledge in probability
- knowledge in inference
- Mathematics
- Numerical Skills
- Analytical skills
- communication skills
- Interpersonal skills
- Ability to analyze
- Explaining concepts in simple manner



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# Tools

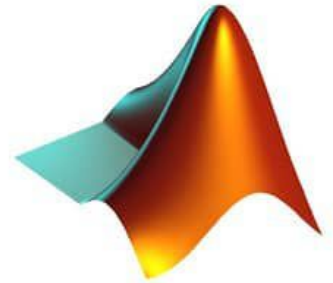
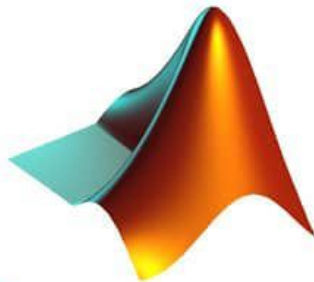
Statistician

Data scientist

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# Responsibilities

## Statistician

- Apply statistical theories and methods to solve practical problems of different industry domains
- Determine methods for finding or collecting data
- Design surveys or experiments or opinion polls to collect data
- Analyze, interpret & undertake data analysis
- Report conclusions from their analysis

## Data scientist

- Develop and plan required analytic projects in response to business needs.
- Contribute to data mining architectures, modelling standards, reporting and data analysis methodologies
- Collaborate with stakeholders to integrate data mining results with existing systems



# Salary

## Statistician

Average salary

**₹ 37,230** per month

Salary Distribution



## Data scientist

Average salary

**₹ 6,70,897** per year

Salary Distribution



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