

STATISTICIAN

A Statistician gathers numerical data and then analyzes and interprets them, helping companies to make sense of quantitative data. The companies, in turn, use this information to spot trends and make predictions.

PERSONAL COMPETENCIES

- You are good at Maths
- You can use a computer to solve a scientific problem
- You like working with numbers or charts
- You like to analyze things (problems and situations)



The approx. course fee ranges between **INR 20,000 - 1,50,000***

**These figures are estimated numbers and will vary from Institute to Institute.*

SCHOLARSHIPS

• National Scholarship Portal - Visit www.scholarships.gov.in. Under this portal there are Central Government schemes, UGC/AICTE Schemes and Assam Government Schemes offered by different departments*

• Visit www.buddy4study.com for details on available scholarships. This is a gateway to scholarships starting from Class XI*

• Scholarships are also available in the institutes based on merit*

**(Availability of these scholarships can vary from time to time)*

LOANS

• VidyaLakshmi, www.vidyalakshmi.co.in, is a portal for students seeking education loan. This portal has been developed under the guidance of the Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA)

• Some states have student credit cards with low interest rates, for instance, West Bengal, Odisha, Bihar, etc.

• All banks give education loans



ENTRY PATHWAY

1. Complete 10+2 with Economics
2. Complete a Bachelor's degree (B.Sc) in Statistics/Mathematics/Computer Science/Economics or any related subject

OR

Complete a Bachelor's degree followed by a Master's degree in Statistics

Please check the duration of the course during enrolment



EXPECTED INCOME

**These figures are taken from NCS and are indicative and subject to change*

The approx. salary of a Statistician ranges between **INR 30,000 - 60,000*** or more per month.

Source: bit.ly/3ksnnoQ



WHERE WILL YOU WORK?

Places of Work: Banking and Financial Organizations, and Insurance Companies

Work Environment: It is a desk job. You need not handle a team. Local travel may be a part of this job role. Organizations usually work for 5 to 6 days a week for 10 to 12 hours every day. This may vary from organization to organization. Shift system may be available. Overtime may be required

Opportunities for work exist for differently abled in this field

EXPECTED GROWTH PATH

Statistician → Statistician, Applied → Operation Research Analyst

Search keywords...



statistical specialist, statistician, data analyst

WHERE WILL YOU STUDY?

This course is offered by the Department of Statistics. This list of institutes is indicative only

GOVERNMENT INSTITUTES

1. Assam University, Sillchar
2. Cotton University, Guwahati
3. Dibrugarh University, Dibrugarh
4. Gauhati University, Guwahati
5. Banaras Hindu University, Uttar Pradesh
6. Aligarh Muslim University, Uttar Pradesh
7. Berhampur University, Odisha
8. Burdwan University, West Bengal

PRIVATE INSTITUTES

(Please check if the institute is affiliated and accredited with UGC before applying)

1. Loyola College, Chennai
2. Silver Oak University, Ahmedabad
3. St Joseph's College, Bangalore
4. PSG College of Arts and Science, Coimbatore
5. KJ Somaiya College of Science and Commerce, Mumbai
6. Dr. DY Patil Arts Commerce and Science College, Pune
7. Himalayan School of Science and Technology, Swami Rama Himalayan University, Dehradun
8. St. Teresa's College, Ernakulam

Information on the institute rankings can be found at - <https://www.nirfindia.org/2022/Ranking.html>

DISTANCE LEARNING INSTITUTE

Indira Gandhi National Open University (IGNOU)

ONLINE COURSES

- NPTEL* Swayam - <https://swayam.gov.in/explorer?searchText=statistics>
- Coursera - <https://bit.ly/3YS1Nc9>
- Udemy - <https://www.udemy.com/topic/statistics/>

*NPTEL- National Programme in Technology Enhanced Learning. It is by the Government of India and offers a variety of courses in an audio - video form

EXAMPLE FROM THE FIELD

Madhumita Ghosh-Dastidar is the head of Statistics Group and a senior statistician at the RAND Corporation, the US-based think-tank. She is a fellow of the American Statistical Association (ASA), and was a statistician for two studies receiving the RAND President's Choice Award in 2014 and 2015. Ghosh-Dastidar received her Ph.D. and M.A. in Statistics from Pennsylvania State University and her BS in Mathematics and Computer Science from Albright College.*

Source: https://www.rand.org/about/people/g/ghosh-dastidar_bonnie.html

**The above information is for training purposes only and will not be used for any commercial gains*