



सांख्यिकीविद्

A statistician collects numerical data and then analyses and interprets it, helping organisations make sense of quantitative information. This is used to spot trends and make predictions. In India the profession was founded by...



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/statistician

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श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

A statistician collects numerical data and then analyses and interprets it, helping organisations make sense of quantitative information. This is used to spot trends and make predictions. In India the profession was founded by Prof. P. C. Mahalanobis and the Indian Statistical Institute (ISI). The career is readily accessible through an M.Sc in Statistics.

2 At a glance

Minimum qualification	10+2 (Maths) then B.Sc/M.Sc Statistics
Selection exam	ISI admission test, IIT JAM, ISS (UPSC)
Starting salary	₹30,000–50,000/month
Work mode	Office, banks, government, IT

3 What you need

INTERESTS

- Strong interest in maths and numbers
- Working with charts, data and patterns
- Analysing problems and situations

ABILITIES

- Logical and analytical thinking
- Using computers to solve scientific problems
- Attention to detail and accuracy

KEY SKILLS

- Knowledge of probability and statistical theory
- Data analysis and modelling
- Statistical software (R, Python, SPSS, SAS)
- Survey and sampling techniques
- Data visualisation and reporting
- Machine learning and quantitative reasoning

4 How to get there

- 1 Complete 10+2 with Mathematics/Economics.
- 2 Do a B.Sc in Statistics / Mathematics / Economics / Computer Science.
- 3 Pursue an M.Sc in Statistics (the key qualification).
- 4 Sit the entrance test for ISI, IITs or central universities.
- 5 For government statistics service, sit the UPSC ISS exam.

MAIN EXAMS

- ISI admission test (B.Stat/M.Stat)
- IIT JAM (M.Sc entrance)
- UPSC Indian Statistical Service (ISS)
- CUET-PG (central university entrance)

5 Where to study

GOVERNMENT INSTITUTES

- राजस्थान विश्वविद्यालय — Jaipur, Rajasthan (<https://www.uniraj.ac.in/>)
- मोहनलाल सुखाड़िया विश्वविद्यालय — Udaipur, Rajasthan (<https://www.mlsu.ac.in/>)
- भारतीय सांख्यिकी संस्थान (ISI) — Kolkata / Delhi / Bengaluru (<https://www.isical.ac.in/>)
- केंद्रीय विश्वविद्यालय अजमेर — Ajmer, Rajasthan (<https://www.curaj.ac.in/>)

PRIVATE INSTITUTES

- लोयोला कॉलेज — Chennai, Tamil Nadu
- सेंट जोसेफ कॉलेज — Bengaluru, Karnataka

ONLINE

- SWAYAM / NPTEL सांख्यिकी पाठ्यक्रम — Online (<https://swayam.gov.in/explorer?searchText=statistics>)
- Coursera / Udemy डेटा साइंस व सांख्यिकी — Online (<https://www.coursera.org/>)

FEES

Government universities charge very low fees (about ₹5,000–30,000/year); the full course typically costs ₹20,000–1,50,000. Selected ISI students also receive a scholarship/stipend. Figures are indicative.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in>)
- ISI स्टैटिस्टिक्स (B.Stat/M.Stat) (<https://www.isical.ac.in/>)
- राजस्थान समाज कल्याण विभाग छात्रवृत्ति (<https://sje.rajasthan.gov.in>)
- Buddy4Study छात्रवृत्ति (<https://www.buddy4study.com>)

6 What the work is like

WHERE YOU WORK

Banking and financial institutions, insurance companies, government statistics departments (MoSPI, NSO), market-research firms, IT and data-science companies, and research and academic institutions.

WORK CULTURE

It is mainly a desk job, usually 5–6 days a week; sometimes 10–12 hours or overtime is needed. Local travel and shift systems are possible. Opportunities also exist for persons with disabilities.

WHO HIRES

- | | |
|---|--|
| • Ministry of Statistics and Programme Implementation (MoSPI / NSO) | • Banks, insurance and financial institutions (RBI, LIC) |
| • IT and data-analytics companies (TCS, Infosys, Fractal) | • Market research and survey firms (Nielsen, Kantar) |
| • Research institutes and universities (ISI, ICMR) | • Pharma and healthcare companies (biostatistics) |

DEMAND (2026)

The growth of data science, artificial intelligence and the digital economy is rapidly increasing demand for skilled statisticians. Across government surveys, banks, pharma and tech companies it is a stable and well-paid career.

7 Career growth

- 1 Statistician / Data Analyst
- 2 Applied Statistician / Senior Analyst
- 3 Operations Research Analyst / Lead Data Scientist

4 Chief Statistician / Head of Analytics

EARNINGS

Starting	₹30,000–50,000/माह
Mid level	₹60,000–1,00,000/माह
Senior level	₹1,50,000+/माह

Adding data-science and AI skills can push salaries much higher. Government ISS officers are paid on the Pay Commission scale. Figures are indicative for 2026.

8 The good parts · The challenges

The good parts

- Demand across every industry—banks, government, IT, pharma
- Comfortable desk job with good pay
- Scope to grow into data science / AI roles

The challenges

- Long hours sitting with screens and data
- Requires strong maths and programming grounding
- Pressure of deadlines and accuracy

9 Real-life journeys

Prof. Prasanta Chandra Mahalanobis

Father of Indian statistics, founder of ISI

Prof. P. C. Mahalanobis founded the Indian Statistical Institute (ISI) in 1931 and developed large-scale sample survey techniques now used worldwide. The 'Mahalanobis distance' is named after him, and India marks his birthday, 29 June, as National Statistics Day.

Wikipedia · https://en.wikipedia.org/wiki/Prasanta_Chandra_Mahalanobis

Dr. Bonnie (Madhumita) Ghosh-Dastidar

Senior statistician and head of Statistics Group, RAND Corporation

Madhumita (Bonnie) Ghosh-Dastidar heads the Statistics Group at RAND Corporation as a senior statistician and is a Fellow of the American Statistical Association. With a B.S. in maths and computer science and an M.A. and Ph.D. in statistics, she shows women can reach the top of international statistical research.

RAND Corporation · https://www.rand.org/about/people/g/ghosh-dastidar_bonnie.html

10 Sources & further reading

1. Rajasthan Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b8%e0%a4%be%e0%a4%82%e0%a4%96%e0%a5%8d%e0%a4%af%e0%a4%bf%e0%a4%95%e0%a5%80%e0%a4%b5%e0%a4%bf%e0%a4%a6/>
2. Indian Statistical Institute (ISI) — <https://www.isical.ac.in/>
3. Ministry of Statistics and Programme Implementation — <https://www.mospi.gov.in/>
4. National Scholarship Portal — <https://scholarships.gov.in>



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