



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

एआई सिक््योरिटी एनालिस्ट

An AI Security Analyst protects an organisation's AI systems and data from cyberattacks and threats. They find weaknesses in AI/ML models, ensure data privacy and encryption, and design security strategies. With AI-based attacks...



Scan for everything on this career

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

career.gsssjethantri.in/#/career/ai-security-analyst

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



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

An AI Security Analyst protects an organisation's AI systems and data from cyberattacks and threats. They find weaknesses in AI/ML models, ensure data privacy and encryption, and design security strategies. With AI-based attacks rising in 2026, this role has become critical.

2 At a glance

Minimum qualification	CS/IT/Cybersecurity graduate
Average Salary	₹6–30 LPA
Work mode	Desk + field, remote
Demand	Very high (2026)

3 What you need

INTERESTS

- Solving problems
- Organising and planning things
- Building and securing new technology

ABILITIES

- Understanding data, numbers and graphs
- Logical and analytical thinking
- Working with software and security tools

KEY SKILLS

- Cybersecurity fundamentals
- Network and data encryption
- Ethical hacking and risk analysis
- Python and machine learning
- Adversarial ML and model security
- Cloud security (AWS/Azure)

4 How to get there

- 1 Complete Class 12 in Science (PCM)
- 2 Do a bachelor's in CS/IT/Cybersecurity
- 3 Do internships in cybersecurity and AI
- 4 Earn security certifications (CEH, CompTIA)
- 5 Optional: master's or PhD in cybersecurity/AI

MAIN EXAMS

- JEE Main / JEE Advanced (B.Tech admission)
- GATE (CS) — for higher studies

5 Where to study

GOVERNMENT INSTITUTES

- MNIT Jaipur — Jaipur, Rajasthan (<https://mnit.ac.in>)
- IIIT Kota — Kota, Rajasthan (<https://iiitkota.ac.in>)
- Central University of Rajasthan — Ajmer, Rajasthan (<https://curaj.ac.in>)
- IITs (विभिन्न कैम्पस) — India (<https://www.iitsystem.ac.in>)
- NITs (विभिन्न कैम्पस) — India

PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan (<https://www.bits-pilani.ac.in>)
- Manipal University Jaipur — Jaipur, Rajasthan (<https://jaipur.manipal.edu>)
- Poornima University — Jaipur, Rajasthan (<https://poornima.edu.in>)
- VIT Vellore — Vellore, Tamil Nadu (<https://vit.ac.in>)

ONLINE

- SWAYAM / NPTEL — Online (<https://swayam.gov.in>)
- IGNOU — Online (<https://www.ignou.ac.in>)
- Coursera (AI विशेषज्ञता) — Online (<https://www.coursera.org>)

FEES

About ₹50k–₹8 lakh per year in government institutes; higher in private. Security certifications cost extra.

SCHOLARSHIPS

- National Scholarship Portal (<https://scholarships.gov.in>)
- Buddy4Study (<https://www.buddy4study.com>)
- SJE Rajasthan Scholarships (<https://sje.rajasthan.gov.in>)

6 What the work is like

WHERE YOU WORK

IT companies, government agencies, banks and financial services, startups and research institutes.

WORK CULTURE

Mainly desk work, sometimes field work. 5–6 days a week; overtime during incidents. Contract work also available.

WHO HIRES

- TCS, Infosys, Wipro, HCLTech
- Banks and financial firms (HDFC, SBI)
- Cybersecurity startups
- Palo Alto Networks, Cisco, IBM Security
- Government bodies (CERT-In, DRDO)

DEMAND (2026)

With widespread AI use and new AI-driven attacks, demand for AI security specialists is very high in 2026.

7 Career growth

- 1 Junior AI Security Analyst
- 2 Senior AI Security Analyst
- 3 AI Security Manager
- 4 Chief Information Security Officer (CISO)
- 5 AI Security Consultant

EARNINGS

Starting	₹6L
Mid level	₹15L
Senior level	₹30L+

Approximate annual pay; varies with skills, company and location.

8 The good parts · The challenges

The good parts

- High demand and job security
- Attractive salary
- Challenging and interesting work

The challenges

- High pressure and responsibility
- Must keep learning about new threats
- Irregular hours during incidents

9 Real-life journeys

Amitabh Misra

Chief Technology Officer, Sprinklr

Amitabh Misra is Chief Technology Officer of the US software company Sprinklr, a role he took up in 2024. With over 25 years in technology and artificial intelligence, he works on building secure, reliable AI systems.

New India Abroad · <https://www.newindiaabroad.com/hindi/news/sprinklr-names-amitabh-misra-as-a-chief-technology-officer-in-america>

Rama Vedashree

Former CEO, Data Security Council of India (DSCI)

Rama Vedashree is a leading cybersecurity and data-protection leader in India and former CEO of the Data Security Council of India (DSCI). She has played a key role in advancing data security, privacy and AI-safety policy in India.

DSCI · <https://www.dsci.in/content/profile-rama-vedashree>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- AI Healthcare Specialist
- AI UX Designer
- AI Education Specialist

11 Sources & further reading

1. Rajasthan Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%8f%e0%a4%86%e0%a4%88-%e0%a4%b8%e0%a4%bf%e0%a4%95%e0%a5%8d%e0%a4%af%e0%a5%8b%e0%a4%b0%e0%a4%bf%e0%a4%9f%e0%a5%80-%e0%a4%8f%e0%a4%a8%e0%a4%be%e0%a4%b2%e0%a4%bf%e0%a4%b8%e0%a5%8d%e0%a4%9f-ai-secu/>
2. MNIT Jaipur — <https://mnit.ac.in>
3. CERT-In (India cybersecurity) — <https://www.cert-in.org.in>
4. DSCI (Data Security Council) — <https://www.dsci.in>



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Interest and aptitude tests, government jobs, skill courses and a CV builder — free, no login, and it works offline.

career.gssjsjethantri.in