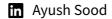
Ayush Sood

Data & Project Management Professional | Expert Analytics, AI Solutions & Cross-Functional Leadership





Ayush Sood



29 March 1995



github.com/Ays0172



Summary

Data & Project Management Leader with 5+ years' experience delivering high-impact, Al-driven analytics and workflow optimization in education, manufacturing, and research. Proven track record in cost reduction (up to 30%), digital engagement (boosted by 40%), and process automation across multi-departmental teams. Skilled in SQL, Python, Tableau, and agile project management, with strong stakeholder and cross-functional leadership abilities. Seeking to leverage data-driven insights and project execution to drive business value in advanced analytics roles.

Core Competencies

- Data Analytics & Visualization (SQL, Python, Tableau, Excel, R)
- AI & Predictive Modeling
- · Project Management (Agile, Workflow Optimization, KPI Tracking)
- Cross-Functional Leadership & Stakeholder Engagement
- Process Automation & Digital Transformation
- Domain Expertise: Education Analytics, Manufacturing, Retail/CPG

Professional Experience

Project Manager (Promoted), Credent Infotech

• Managing several government-defense projects (including USI), Panasonic and **Metkat Marketing**

Data Analyst/Team Lead, Credent Infotech □

<u>Deployed at the United Services Institution of India</u> (USI)(Govt.)

01/2025 - 06/2025 New Delhi

06/2025 - Present

- Task Ticketing System Implementation: Designed and deployed a local server-based ticketing solution (XAMPP, MySQL) for 5+ departments, reducing task resolution time by 30% and providing real-time workflow visibility for 50+ users.
- Demonstrated leadership and strategic communication by managing a 5member rollout team, achieving 100% system adoption within two months.
- Digital Engagement Analytics: Increased platform engagement by 40% through data-driven outreach and social media strategies.
- Executive Dashboards: Developed cross-platform analytics dashboards (Tableau, Excel), reducing manual reporting by 25% and enabling data-driven decision-making.
- · Applied analytical thinking and problem-solving to support research initiatives, resulting in improved project outcomes and higher-quality deliverables.

Academic Coordinator, *Amity University Punjab* ☑

- Al-Driven Student Engagement Engine: Led development of a Python-based Al recommendation engine, increasing student engagement by 30% across 2,000+ students.
- Academic KPI Dashboards: Built interactive Tableau dashboards for 10+ departments, enabling real-time academic performance tracking and optimisation for 50+ faculty and staff.

10/2023 - 12/2024 Mohali, Punjab

- **Predictive Analytics for Timetabling:** Implemented predictive analytics for timetable management, reducing scheduling conflicts by 25% and optimising resource allocation.
- Leveraged cross-functional collaboration and stakeholder management skills to align academic, IT, and operations teams, ensuring successful delivery of tech-enabled innovation and on-time project completion.

Assistant Professor/ Coordinator, Chandigarh Group of Colleges, Jhanjeri ☑

- **Pharmacy College Launch:** Project-managed the setup and launch of a new pharmacy college, securing AICTE, PCI, and NAAC approvals on schedule.
- **Automated Grading Tools:** Developed tools for automated grading, saving 200+ staff hours annually and improving evaluation efficiency.
- **Utilised attention to detail and effective communication** while coordinating with statutory bodies, vendors, and leadership, ensuring compliance, infrastructure readiness, and academic excellence.

Manager, Manish Rubber Industries

Business Analyst, Manish Rubber Industries

- **Operational Analytics:** Streamlined production workflows using data analytics, reducing operational costs by 10% and improving process efficiency.
- **Quality Improvement:** Enhanced quality control, raising product standards by 15% and achieving 100% regulatory compliance.

06/2020 – 05/2022

05/2022 - 10/2023

Jhanjeri, Punjab

12/2016 – 09/2018 Chandigarh

Education

BSc Forensic Science (Hons.), London Metropolitan University ♂

MSc/MTech Forensic Investigations (Cyber), Cranfield University ☑

Technical Skills

Data Analytics — Competent

SQL, Python (Pandas, Numpy), Tableau, R, Excel (Power Query, Pivot Tables), Google Sheets, APIs, Web Scraping, MySQL

Project Management — Proficient

Agile Methodologies, Task Ticketing Systems, Workflow Optimization, KPI Tracking, Cross-Functional Collaboration **Statistical Analysis** — Competent

Descriptive & Inferential Statistics, Hypothesis Testing, Data Cleaning & Wrangling, Predictive Modeling

Infrastructure — Proficient

XAMPP, Local Server Setup, Database Design, Version Control

Certifications

- Google Data Analytics & Professional Certificate
- Google Technical Support Fundamentals

Publications

- Analysis of Digital Forensic Processes in India (2025), NFSU Journal of Cyber Security & Digital Forensics.
- Identifying Model Failure & Misalignment in Low Light Photogrammetry. DOI:10.1201/9781032665443.
- Failure of 3D Reconstructed Photogrammetric Models in Dark Photographs (Taylor Francis, 2023).
- Investigating Touch DNA on Porous and Non-Porous Surfaces (Scopus Indexed, 2021).

Soft Skills

Analytical Thinking | Strategic Communication | Leadership | Problem Solving | Data Storytelling | Attention to Detail