

Ayush Sood

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

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📍 New Delhi 📅 29 March 1995  github.com/Ays0172



Summary

Data & Project Management Leader with 5+ years' experience delivering high-impact, AI-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*

06/2025 – Present

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

Data Analyst/Team Lead, *Credent Infotech*

01/2025 – 06/2025
New Delhi

Deployed at the United Services Institution of India (USI)(Govt.)

- **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 5-member 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*

10/2023 – 12/2024
Mohali, Punjab

- **AI-Driven Student Engagement Engine:** Led development of a Python-based AI 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.

- **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
05/2022 – 10/2023
Jhanjeri, Punjab

- **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
06/2020 – 05/2022

Business Analyst, Manish Rubber Industries
12/2016 – 09/2018
Chandigarh

- **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.

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	Statistical Analysis — Competent Descriptive & Inferential Statistics, Hypothesis Testing, Data Cleaning & Wrangling, Predictive Modeling
Project Management — Proficient Agile Methodologies, Task Ticketing Systems, Workflow Optimization, KPI Tracking, Cross-Functional Collaboration	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