SAYANDEEP PAL

Coventry, United Kingdom | sayandeeppalinfo@gmail.com | +91 8100358143 | https://linkedin.com/in/sayandeeppalofficial

SUMMARY

Warwick Business School MSc student with a data science background and UK consulting experience. Adept at fostering collaboration within large teams, leading strategic initiatives, and communicating complex insights to drive collective success. Skilled in using quantitative analysis to develop actionable business strategies and identify clear opportunities for growth.

EDUCATION

Warwick Business School, University of Warwick   Sept 2025 – Sept 2026
Master of Science Management | **WBS Merit Scholar**   Coventry, United Kingdom
- **Relevant Coursework -** Data Driven Decision Making, Strategies for the Global Economy, Artificial Intelligence in Business, Big Data Analytics, Digital Strategy & Agile Transformation

Indian Institute of Science Education and Research   Dec 2021 - May 2025
Bachelor of Science; Data Science and Engineering Major | **8.34/10 CGPA (First Class)**   Bhopal, India
- **Relevant Coursework -** Data Structures and Algorithms, Natural Language Processing, Data Science in Practice, Database Management Systems, Artificial Intelligence, Machine Learning, Deep Learning

WORK EXPERIENCE

Business Consultant | Blackmont Consulting | Leeds, United Kingdom   Jun 2025 - Present
- Co-leading a 6-person consulting team to enhance market position by benchmarking against competitors and developing a customer survey to map the end-to-end user journey, identifying key opportunities to improve brand resonance.
- Formulating a partnership strategy by identifying and outlining collaboration plans for 3-5 local, mission-aligned businesses to drive community-based co-marketing, and assessing operational workflows to propose a roadmap for scalable growth
- Established the strategic foundation by executing an in-depth competitive analysis of the Nottingham sustainable retail market, identifying 3 key value propositions to inform all subsequent recommendations.

Data Analyst Intern | Amukha Technologies | Mumbai, India   Dec 2024 - Jan 2025
- Designed and implemented advanced data-driven pricing models and time-series analyses, identifying actionable market trends, seasonality patterns, and anomalies, improving forecast accuracy by 27% for key stakeholders
- Conducted lead-lag correlation studies between commodity metrics and financial KPIs, identifying key market indicators with 85% accuracy
- Gained expertise in data collection, preprocessing, and visualization from government platforms like Agmark Net, delivering actionable insights through compelling presentations to diverse audiences.

SKILLS

- Statistical and Time Series Analysis, Agile Management, Business Transformation, Data Visualisation, Product Management
- **IT Skills -** Microsoft Office, Excel, MySQL, C, Python, Linux, Jira, Confluence, Tableau, Power BI, CI/CD, Scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Git, Miro, Asana, PowerPoint, Jupyter Notebooks, Postman, Notion, Figma
- **Certifications -** Data Science Certification (BCG X), Management Consulting Simulation (PwC)
- **Workshops and Awards -** 180 DC Consult School 2.0, 7th Summer School on AI IIIT Hyderabad
- **Languages -** English (Proficient), Hindi (Native), Bengali (Native)

PROJECTS

Algorithmic Recourse in Crop Recommendation Systems   Jan 2025 – Apr 2025
- Developed frameworks to generate counterfactual explanations (CFEs), a sub-domain of Explainable AI(XAI), using Dice and Alibi, enabling end-users to make actionable decisions for improved outcomes based on black box machine learning models.
- Designed and implemented ML models (ANN, RF, LGBM, BNN) for agricultural prediction, validated feature attributions (LIME), and evaluated CFEs by a novel metric considering feasibility, cost, and impact, achieving 98% accuracy.
- Secured $38,000 in government funding by applying AI to agricultural time-series and tabular data, solving key challenges, and providing stakeholders with actionable insights.

Optimization of Hospital Locations Using Hill Climbing and Genetic Algorithms   Jan 2024 – Apr 2024
- Developed a system to identify the best locations for new hospital buildings on the IISER Bhopal campus, using Hill Climbing with random restarts and Genetic Algorithms to evaluate spatial data.
- Successfully identified locations with 92% better accessibility scores, reducing estimated emergency response time by 4.5 minutes.

LEADERSHIP

- **Coordinator, Placement Cell -** Spearheaded the 30-member independent placement body at IISER Bhopal, building specialized teams for database mining, recruiter outreach, and design, increasing placement offers by 30% and employer engagement by 45%
- **Founding Member and Marketing Head, Entrepreneurship Cell -** Drove entrepreneurship initiatives, increasing participation by 400% through targeted advertisements and outreach. Coordinated event planning, logistics, and finances.
- **Peer Counselor, Institute Counseling Cell, IISER Bhopal -** Supported students' mental well-being by providing a confidential environment, organizing mental health workshops, and peer support circles with 90% positive feedback from 200+ participants.