Debopriya Das

Data & AI Professional (Analytics • ML • SAP • SAC)

CONTACT INFORMATION

Address: Magdeburg, 39112
Saxony Anhalt, Germany
Phone: +49 15206040982
Email: dasdebo16@gmail.com
LinkedIn: https://bit.ly/4akGMzP
GitHub: github.com/priyasilent
Google Scholar: https://bit.ly/4pwYILZ

LANGUAGES

- English: C2
- German: A2
- Hindi: C2
- Bengali: C2

TECHNICAL SKILLS

Programming

- Python
- SQL
- Java
- MATLAB
- JavaScript

Machine Learning & Analytics

- Regression, Classification, Clustering
- A/B Testing
- Feature Engineering
- Predictive Modelling

Data Engineering

- ETL Pipelines
- APIs

JOB-RELATED ABILITIES

Analytical & Data Science Expertise

- ML modeling (classification, regression, clustering)
- Statistical analysis, predictive analytics

Business Intelligence & Visualization

- Power BI, SAC dashboards, KPI reporting

Data Engineering & ETL Automation

- ETL pipelines using SQL, APIs, SAP
- AWS (S3, Lambda, Athena)

Process & Workflow Optimization

- Agile, QA, Jira, Confluence, documentation

PROFESSIONAL EXPERIENCE

Research Assistant – Data & Process Management | Domain: *Data Engineering • Analytics • ETL Automation • Process Optimization*
University of Europe for Applied Sciences | (Jan 2025 – Present)

- Built Python, SQL pipelines for automation.
- Designed ETL workflows with APIs & SAP datasets.
- Reduced manual effort by 35%
- QA, anomaly detection, reporting

Team Lead – Data Analyst| Domain: *Team Leadership • BI & Reporting • CRM/SAP Data • Automation*
Marketplace Direct Ltd., London | (Aug 2021 – Nov 2024)

- Led 14 analysts.
- Automated ingestion pipelines (SQL, Python)
- Designed KPI dashboards (Power BI, SAC)
- Improved segmentation & pricing models
- 40% faster weekly reporting

- SAP / CRM Data Integration
- AWS (S3, Lambda, Athena)

Business Intelligence & Visualization
- Power BI
- SAP Analytics Cloud (SAC)
- Excel (Advanced)
- Matplotlib

Tools & Workflow
- Git
- Jira
- Confluence
- Jupyter
- REST APIs

PROJECTS

- Lead Scoring (87% accuracy)
- Customer Segmentation Models
- AWS Event-Driven Pipeline (S3, Lambda)
- ETL Automation (API, SQL)
- Power BI
- KPI Dashboards

CERTIFICATIONS

- Financial Data Analytics – 2025
- Agile PMO – 2025
- Data Governance – 2025
- Cloud & Big Data – 2025
- Master Data Management – 2024
- Diffusion Models – 2023

ADDITIONAL

- Valid German residence permit
- Open to relocation
- International cross-functional teamwork
- **References available upon request.**

Data Analyst Intern | Domain: *ML Modelling • Data Cleaning • Dashboarding • Predictive Analytics*
Oracalo, Uxbridge | (Sep 2021 – Oct 2022)
- SQL, Python data cleaning
- ML models (87% churn/revenue accuracy)
- Dashboards for demographics & revenue

EDUCATION

MSc Data Science & AI | University of Europe for Applied Sciences | – Expected March 2026
Focus: Machine Learning, Data Engineering, Predictive Analytics, Optimization
Project: Zero-Shot Object Detection through Attribute Reasoning

MSc Advanced Electronics & Electrical Engineering – Distinction | Queen Mary University of London, UK | 2022
Focus: Control Systems, Signal Processing, Modeling, Applied Mathematics
Project: PD/PID Control for Inverted Pendulum System

B.Tech Electrical Engineering – CGPA 8.48/10 | Kalinga Industrial Institute of Technology, India | 2020
Focus: Embedded Systems, Power Systems, Electronics, Control Systems
Project: Solar LED Streetlight (Selected by MHRD Innovation Cell)

PUBLICATIONS

- Mental Health AI Chatbot – IEEE, 2025
- Vehicle Speed Prediction – IEEE, 2025
- N-Queens Optimization using Genetic Algorithms – IEEE, 2025
- Presented research at IEEE WIE Summit 2025.

LEADERSHIP & PUBLICK SPEAKING

- Led reporting improvements and optimized data workflows across cross-functional teams.
- Presented dashboards, insights, and analytical findings to senior management and stakeholders.
- Coordinated analytical workstreams with technical + non-technical partners to ensure alignment and timely delivery.