Siddhant Iyer

Vallendar, Germany | Indian | +49-1706646930 | siddhantiyer46@gmail.com | GitHub | LinkedIn | Medium

EDUCATION

WHU Otto-Beisheim School of Management, Vallendar**,** Germany — 09/2026 – Present
Master in Management

Imarticus Learning Institute, Mumbai, India — 08/2024 – 05/2025
Post-Graduate Program in Data Analytics and Data Science with Advanced ML Track
Grade: 82.12%

University of California, Davis, California, USA — 08/2019 – 12/2023
Bachelor of Science in Evolution, Ecology and Biodiversity

PRACTICAL EXPERIENCE

eClerx Services Ltd, Navi Mumbai, India — 07/2025 – 11/2025
Position: Consultant (Data Consultant)

- Conducted data auditing and validation for large product datasets of a Fortune 500 client.
- Developed Python scripts for data wrangling, scaling and normalization.
- Enriched product specification attributes by 60% through structured secondary research.

Extern, Schreiber Foods Sustainability Strategy Externship, *Remote* — 03/2026 – 05/2026
Position: Zero Waste Sustainability Consultant

- Analysed waste diversion performance of a Schreiber Foods plant where ~65% of total waste was sent to landfills.
- Conducted waste diversion analysis, policy research and local waste infrastructure assessment to identify operational bottlenecks and feasible waste diversion opportunities supporting Schreiber's Zero Waste To Landfill By 2030 initiative.
- Benchmarked sustainability practices across leading food and dairy manufacturers in the region to develop evidence-based recommendations.
- Performed SWOT analysis and scenario modelling, leveraging Claude AI to evaluate the environmental and financial implications of alternative waste diversion strategies.
- Developed a stakeholder implementation plan to address co-mingled waste, translating analytical findings into recommendations for waste reduction and circular economy solutions, projected to reduce the plant's landfill waste by 30-35%

PERSONAL PROJECTS

Paisabazaar Credit Score Prediction Project | Python | Machine Learning — 10/2025 – 11/2025

- Trained and compared Logistic Regression, Decision Tree and Random Forest models on 100K customer records (27 financial features) to predict 3-class credit scores, achieving 81% model accuracy with the Random Forest model.
- Performed feature engineering (eg: EMI_to_Income_Ratio), class imbalance handling, feature selection (SelectKBest), hyperparameter tuning, improve F1-scores by ~ 2% across all classes
- Built and deployed an interactive Gradio application enabling real-time credit score prediction with confidence estimates for each class.

PhonePe Business Analytics Project | Python | SQL | Streamlit — 11/2025 – 12/2025

- Built a multi-page Streamlit dashboard backed by a MySQL database, integrating PhonePe Pulse (2019-2024) dataset API, with year/quarter filters and a choropleth map to visualize regional transactions, users and insurance adoption trends.
- Conducted 5 business case study analyses addressing declining transaction growth, insurance adoption, user engagement and regional performance, identifying untapped markets and growth opportunities.
- Deployed the production-ready dashboard with Streamlit (frontend) and Railway-hosted MySQL database (backend).

PUBLICATIONS

Blogs Published on Medium.com

- *Exploratory Data Analysis With Python – Football Transfer Markets and Player Performance*
- *Understanding Regularization Techniques (Ridge, Lasso, ElasticNet): A Key To Preventing Overfitting In Your Linear Regression Model!*
- *Write SQL Queries Like You Are Talking To A Friend!*

LANGUAGES AND SKILLS

Languages	English (Fluent), Hindi (Native), Tamil (Native), Bengali (Native), German (A2)
Technical Skills	Microsoft Excel, SQL, Python, Power BI