

MUHAMMAD USMAN

Venture Operations | AI & Data Systems | Workflow Automation

datawithusman@gmail.com | [linkedin.com/in/datawithusman](https://www.linkedin.com/in/datawithusman) | github.com/datawithusman | datawithusman.com

SUMMARY

Operator and AI builder with 2+ years of experience designing data systems, building automated workflows, and managing large-scale operations. Built production AI tools using Python and the Anthropic API. Strong background in Power BI reporting, KPI tracking, and process optimization across multi-stakeholder environments. Currently building AI infrastructure at Nobel AI while teaching Python through Stanford's Code in Place program.

PROFESSIONAL EXPERIENCE

Nobel AI | Remote | **AI Systems Developer** Mar 2026 - Present

- Building real-time meeting intelligence engine in Node.js for virtual soft skills analysis; designed RESTful APIs and data pipeline architecture supporting scalable analytics.
- Authored technical documentation and developer onboarding systems for the core engineering team.

Datawithusman | Remote | **Founder, Data Science Agency** 2023 - Present

- Built and operate a data science consultancy delivering analytics and automation projects for clients across Saudi Arabia.
- Developed AI-powered B2B lead generation tool using the API, automating prospect identification for Saudi construction companies.
- Delivered full-stack clinic management system with booking, scheduling, and reporting features for a medical client (Easy Life Clinic).

New Packaging Delivery Services | Bahrain | **Operations Manager** May 2023 - Apr 2025

- Managed performance and KPI tracking for a 200+ rider fleet serving Talabat; built Excel (Power Query) and Power BI dashboards improving route efficiency by 15%+.
- Produced periodic stakeholder reports and coordinated vendor relationships, reducing delivery delays through data analysis.

All Star Contracting & Trading | Bahrain | **Data Analyst** Mar 2023 - Sep 2025

- Built Power BI dashboards tracking project milestones and site performance for management and investor reporting.
- Conducted cost analysis and generated financial summaries supporting project feasibility decisions.

TEACHING

Stanford University (Code in Place) | Section Leader, Python Apr 2026 - Present

iCodeGuru | Python Instructor 2025 - Present

Nobel AI | Python Bootcamp Instructor May - Jun 2026

RECENT PROJECTS

- Nobel AI Core Engine** (Node.js, AI): Real-time meeting intelligence with soft skills analysis pipeline
- AI Lead Generation Tool** (Python, Anthropic API): Automated B2B prospect identification system for the construction sector
- Telecom Churn Prediction** (Python, Scikit-learn): ML churn model with business insights and strategic recommendations
- Model Blind Spots Dataset** (AI Safety, NLP): Published evaluation dataset on Hugging Face for AI model testing

TECHNICAL SKILLS

Data & Reporting: Power BI, Tableau, Advanced Excel (Power Query, Pivot Tables), SQL

AI & Automation: Python, Anthropic API, Scikit-learn, Pandas, NumPy, KNIME

Operations: KPI Tracking, Workflow Optimization, Stakeholder Reporting, Vendor Coordination

Development: JavaScript, Node.js, REST APIs, Git/GitHub, React

EDUCATION

Bachelor of Business & Information Technology (BBIT) | Virtual University of Pakistan | CGPA: 3.85/4.00

CERTIFICATIONS

Harvard CS50x | Data Science Professional (KNIME) | Deep Learning Essentials (UOP) | Business & Data Analysis (Microsoft/LinkedIn)