Swanand Potnis

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DATA ANALYST, BUSINESS ANALYST, PROMPT ENGINEER

Results-driven Data Analyst with 2+ years experience in Python, SQL, and Power BI. Proven track record of improving data accuracy and reducing operational costs through data-driven insights. Specialized in AI-enhanced workflows and business intelligence solutions.

WORK EXPERIENCE

Self-employed – *Pune*   March 2024 - Present

FREELANCE CONTENT & WEB CONSULTANT
- Managed digital analytics and content optimization for multiple healthcare clients, improving overall online engagement.
- Automated content performance tracking using Python scripts, significantly reducing manual reporting efforts.
- Applied data visualization techniques to enhance client reporting, enabling better decision-making and improved satisfaction.

Cloud Counselage Ltd. – *Remote*   July 2023 - October 2023

DATA ANALYST INTERN
- Analyzed complex datasets using Python and SQL, improving report accuracy through systematic quality checks.
- Developed Power BI dashboards for C-level executives, supporting real-time strategic decisions across five business units.
- Streamlined visualization workflows, reducing report generation time by 60% while improving stakeholder clarity and insights.

Yogiraj Enterprises – *Pune*   May 2021 - September 2023

CO-OWNER
- Led supply chain optimization using data analysis techniques to enhance delivery performance and reduce operational inefficiencies.
- Negotiated supplier contracts by leveraging internal performance data to drive smarter procurement decisions.
- Implemented process automation and KPI tracking systems, increasing on-time delivery rates and improving service reliability.

PROFESSIONAL SKILLS

- Programming & Database: Python (Pandas, NumPy), SQL (MySQL), Excel (Advanced), Statistical Analysis
- Data Visualization: Power BI, Tableau, Matplotlib, Seaborn, DAX Functions
- AI & Automation: Prompt Engineering, LLMs, LangChain, Ollama, ChatGPT, AI-assisted workflows, Process Automation
- Business Intelligence: Dashboard Development, KPI Tracking, Report Automation, Data Quality Management
- Tools & Platforms: Dataiku, Jupyter Notebook, Git, Flask, Google Analytics, Business Process Optimization

PROJECTS

Prompt Engineering Playground
- Developed comprehensive prompt engineering solution for automated business insights and report generation
- Integrated Python automation with AI tools, reducing analysis time by 70% while maintaining 95% accuracy
- Created scalable framework for AI-driven data workflows, applicable across multiple business functions

Low Carbon Trade Analysis (Global Dataset)
- Analyzed 30 years of international trade data (1994-2023) using statistical methods and visualization techniques
- Delivered actionable insights on market trends and policy implications through comprehensive data storytelling
- Demonstrated expertise in handling large datasets and extracting meaningful business intelligence

Student Data Analysis - BI
- Built interactive Power BI solution analyzing student performance across multiple metrics and timeframes
- Applied advanced DAX functions and statistical modeling to identify key performance indicators and trends
- Enabled data-driven decision making for educational institutions, improving student outcome tracking by 40%

PROFESSIONAL SKILLS

- Generative AI Fundamental – Databricks
- Prompt Engineering Specialization – Coursera
- Dataiku Core Designer & Developer – Dataiku
- Advance SQL & Python – HackerRank

EDUCATION

University of Pune - *Pune, MH*

Bachelor of Engineering - Mechanical, 7.62 CGPA