SAHIL SHUKLA

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Professional Summary

Data Analyst with hands-on experience in **Excel, SQL, Python, Power BI, and Machine Learning**. Strong background in data cleaning, exploratory data analysis (EDA), and interactive dashboard development. Proven ability to convert raw data into actionable insights through real-world projects, documented via **live GitHub and portfolio deployments**.

EXPERIENCE

Deloitte | % Virtual Experience   Oct 2025
Data Analyst   *Remote*
- Audited JSON telemetry data from 4 global factories to identify machine failure patterns for Daikibo Industrials.
- Engineered a 3-tier classification model to detect gender pay gaps using Forensic Technology audit techniques.
- Developed an interactive **Tableau** dashboard to translate 43k+ operational records into maintenance insights.

PROJECTS

Blinkit Sales Analysis ⧉ | Power BI, DAX, Power Query   Sep 2025
- Analyzed 8,500+ sales transactions using Power BI, DAX, and Power Query to derive actionable business insights.
- Built interactive dashboards and KPIs to track revenue, category performance, and store-level metrics.
- Identified low-fat items contributing 64.6% of total sales and Tier-3 cities as top revenue drivers.
- Provided data-driven recommendations for inventory optimization and regional expansion strategies.

Pizza Outlet Sales Analysis ⧉ | SQL (PostgreSQL/MySQL), Aggregations, CTEs   Apr 2025
- Analyzed 50,000+ sales records using advanced SQL queries to uncover business-critical sales trends.
- Utilized complex JOINs, CTEs, and subqueries to manage and query large datasets efficiently.
- Identified peak order hours and low-performing menu items to improve operational efficiency.
- Delivered data-driven insights to optimize staffing levels and inventory planning for the outlet.

Stock Price Prediction ⧉ | Python, Scikit-Learn, LSTM, Pandas   Nov 2024
- Built a Predictive Model in Python using Scikit-Learn and LSTM networks to forecast Tesla stock trends.
- Engineered features from historical price data and technical indicators, achieving an 85% accuracy rate in trend direction forecasting.

Coffee Sales Analysis ⧉ | Excel, Pivot Tables, Power Query, Slicers   Sep 2024
- Built interactive Excel dashboards using Pivot Tables, slicers, and Power Query for real-time sales tracking.
- Cleaned and transformed multi-source sales data to ensure data integrity and consistency.
- Identified top-performing products contributing approximately 25% of total revenue.
- Provided data-driven insights to support inventory planning and sales optimization strategies.

TECHNICAL SKILLS

Languages/Querying: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Streamlit), SQL
Data Visualization: Power BI, Tableau, Advanced Excel (Power Query, Pivot Tables), Matplotlib, Seaborn
Data Engineering: Web Scraping (BeautifulSoup, Scrapy), Data Cleaning, EDA, Handling Class Imbalance
Machine Learning: Predictive Modeling, Linear Regression, Classification, Feature Engineering, Model Optimization
Tools: Git, GitHub, Jupyter Notebook, VS Code, Jira, PowerPoint, Brity RPA Designer

EDUCATION

Simplilearn | % Credential   Feb 2025
*Data Scientist Masters Program — **Graduated with Distinction***   *Remote*
- Completed intensive training in Machine Learning, Deep Learning, and Predictive Analytics with industry-level projects.

Shri Gumani Singh Mahavidyalaya   2014 – 2017
Bachelor of Science (Physics, Chemistry, Mathematics)   *Agra, U.P.*

CERTIFICATIONS & ACHIEVEMENTS

- Machine Learning Specialization – Coursera (DeepLearning.AI)   2025
- Simplilearn Certification in collaboration with IBM – Coursera   2024
- Top 5% in SQL HackerRank Challenge   2024