

Sarthak Shandilya

Data Analyst | Aspiring Data Scientist | Python, SQL, Tableau, Streamlit, Machine Learning | Skilled in Data Cleaning, Visualization & Predictive Modeling

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◦ Profiles ◦

[sarthxk20](#)
GitHub

[sarthxk20](#)
LinkedIn

◦ Education ◦

DR. Harisingh Gour Central University
Sociology & History
8.15
Bachelor of Arts
2020 - 2023

◦ Certifications ◦

Analytics Masterclass
Mad About Sports
September 2024

◦ Languages ◦

English

Hindi

◦ Interests ◦

Sports Analytics

Exploring APIs

Music Enthusiast & Playlist Curator

Story-Driven Movies & World Cinema

Game Mechanics, Stats & Meta Analysis

Summary

- Data Analyst | Aspiring Data Scientist with expertise in Python, SQL, Excel, Tableau, Streamlit, and Machine Learning
- Skilled in data cleaning, wrangling, statistical analysis, feature engineering, predictive modeling, and exploratory data analysis (EDA)
- Built and deployed projects including a fraud detection ML model, web scraping application, interactive sales dashboard, and weather forecast app using live API integration
- Proficient in Pandas, NumPy, Scikit-Learn, Seaborn, Plotly, and GitHub with strong ability in data storytelling, KPI tracking, and insight-driven reporting

Internship

Evoastra

Data Analyst
Remote

July 2025 - Present

- Currently working with the Evoastra team on a web scraping project to extract and analyze real-world data for actionable insights

Projects

Fraud Detection using Machine Learning

Fraud Detection using Machine Learning

Tools: Python · Streamlit · Pandas · NumPy · Scikit-Learn · Joblib · Seaborn

- Built a machine learning model to detect fraudulent transactions using classification algorithms
- Applied data preprocessing, feature engineering, and exploratory data analysis (EDA)
- Evaluated models with accuracy, precision, recall, and F1-score to address class imbalance
- Deployed the trained model as an interactive Streamlit app for real-time predictions

🔗 <https://fraud-detectionproject.streamlit.app>

Superstore Sales Dashboard

Python · Streamlit · Pandas · NumPy · Plotly · Seaborn

- Built an interactive dashboard using Streamlit and Plotly to visualize sales trends
- Included KPIs, monthly filters, and region/category breakdowns

🔗 <https://sarthxk20-superstore-sales-dashboard.streamlit.app>

Weather Now

Python · Streamlit · Requests · Pillow · Pandas

- Created a real-time weather app using OpenWeatherMap API
- Displayed dynamic weather metrics with error handling and visuals

🔗 <https://weather-now-sarthxk20.streamlit.app>

JobDash – Remote Python Job Dashboard

Python · Streamlit · BeautifulSoup · Plotly · WordCloud

- Built a live dashboard that scrapes remote Python job listings from RemoteOK
- Added filters, keyword search, word cloud, and bar charts for skill insights
- Enabled CSV export of filtered jobs and deployed on Streamlit Cloud

🔗 <https://jobdash.streamlit.app>

Skills

Programming & Tools

Python, VS Code, Jupyter Notebook, Streamlit, Git & GitHub, Excel, SQL, Tableau, Google Colab, Power BI

Data Analysis

Data Cleaning, Data Visualization, Data Wrangling, EDA, Statistical Analysis, Hypothesis Testing, A/B Testing, Dashboard Development

Machine Learning

Supervised Learning (Classification, Regression), Unsupervised Learning (Clustering, PCA), Ensemble Methods (Random Forest, XGBoost), Feature Engineering, Hyperparameter Tuning, Model Evaluation (Accuracy, Precision, Recall, F1-score), Predictive Modeling

Libraries & Frameworks

Pandas, Numpy, Matplotlib, Seaborn, Plotly, BeautifulSoup, Selenium, WordCloud

Integrations & Technologies

API Integration, Resume & Project Hosting (Streamlit Cloud, GitHub Pages)

Soft Skills

Problem Solving, Communication, Teamwork, Attention to Detail, Self-Learning, Reporting, BI tools, Stakeholder insights, Business Intelligence