

# Sarthak Shandilya

Aspiring Data Analyst | Skilled in Python, Excel, Tableau, Streamlit and API Integration | Strong in Data Cleaning, Visualization & Reporting

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 <https://sarthak-portfolio.streamlit.app/>

## Profiles

[sarthxk20](#)  
GitHub

[sarthxk20](#)  
LinkedIn

## Education

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

## Languages

English  
Hindi

## Certifications

**Analytics Masterclass**  
Mad About Sports  
September 2024

## Interests

**Sports Analytics**  
**Exploring APIs**  
**Music Enthusiast & Playlist Curator**  
**Story-Driven Movies & World Cinema**  
**Game Mechanics, Stats & Meta Analysis**

## Summary

Aspiring Data Analyst with hands-on experience in data visualization, dashboard development, and API integration using Python, Excel, Tableau, and Streamlit. Skilled in cleaning, analyzing, and presenting data through interactive tools and visual storytelling. Built end-to-end projects including a dynamic sales dashboard and a live weather forecast app using real-time API data. Strong foundation in Pandas, NumPy, Matplotlib, and Plotly with a passion for turning raw data into actionable insights. Eager to contribute to data-driven decision-making in a fast-paced, growth-oriented environment.

## Skills

### Programming & Tools

Python, VS Code, Streamlit, Git & GitHub, Microsoft Excel, SQL, Tableau

### Data Analysis

Data Cleaning, Data Visualization, Dashboard Development

### Libraries & Frameworks

Pandas, Numpy, Matplotlib, Seaborn and Plotly

### Integrations & Technologies


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

### Soft Skills

Problem Solving, Communication, Teamwork, Attention to Detail, Self-Learning


## Projects

### Superstore Sales Dashboard

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

- Python · Streamlit · Pandas · NumPy · Plotly · Seaborn
- Developed an interactive sales dashboard to analyze Superstore data by region, category, and time period
  - Implemented real-time filtering and visualizations using Plotly and Streamlit
  - Displayed KPIs like total sales, profit, and average order value to support business decision-making
  - Applied data cleaning and transformation techniques using Pandas for accurate reporting

### Weather Now

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

- Python · Streamlit · Requests · Pillow · Pandas
- Built a dynamic weather application using Streamlit and OpenWeatherMap API to display real-time weather by city
  - Integrated live API responses to show temperature, wind speed, humidity, and weather icons
  - Handled API errors and user input validation for a smooth user experience
  - Applied Python libraries for data parsing and frontend logic in an interactive interface