

# Vikas

## Data Analyst / Python Developer



itsvikassharma007@gmail.com



8278789315



[Linkedin](#)



[Portfolio](#)



[Twitter](#)

Motivated and detail-oriented Data Analyst & Python Developer with hands-on experience in data analysis, dashboard creation, and business intelligence tools. Skilled in using Python, Pandas, MySQL, Power BI, and Seaborn to transform raw data into meaningful insights. Built real-world projects like Shopify Sales Dashboard and Spotify Analytics Dashboard, showcasing ability to create interactive, multi-page dashboards and visual reports. Eager to apply data-driven solutions to real business challenges and grow further in the analytics domain.

## Skills

- Programming Languages: Python (Data Analysis, Scripting, Automation)
- Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn
- Business Intelligence Tools: Power BI, Microsoft Excel
- Dashboarding & Reporting: Power BI, Streamlit
- Web Development: HTML, CSS, JavaScript (Basics), Flask, Streamlit
- Databases: MySQL, SQL
- IoT & Embedded Systems: Sensor Integration, Data Logging
- Other Skills: Problem Solving, Debugging, Data Modeling

## Projects

### Spotify Analytics Dashboard

**Tools/Technologies:** Python, NumPy, Pandas, Matplotlib, Seaborn, MySQL, Power BI

- Built a comprehensive 3-page dashboard in Power BI to visualize and analyze Spotify listening trends and insights.
- Collected data using Python and fetched from MySQL using mysql.connector.
- Performed data cleaning and transformation using Pandas and NumPy.
- Created visualizations using Matplotlib and Seaborn to explore user listening behavior before dashboard design.
- Key dashboard pages included:
  - ▶ Homepage – User profile summary and total listening stats
  - ▶ Genre & Artist Analysis – Breakdown of genres, top artists, and mood
  - ▶ Temporal Trends – Time-based trends and most active listening hours
- GitHub Repo: [github.com/Its-Vikas-xd/spotify-analytics-Dashboard](https://github.com/Its-Vikas-xd/spotify-analytics-Dashboard)
- 

### Shopify Sales & Customer Funnel Dashboard

**Tools/Technologies:** Python, NumPy, Pandas, MySQL, Power BI

- Built a 2-page interactive dashboard in Power BI to analyze Shopify sales data and customer behavior funnel.
- Connected to a MySQL database using mysql.connector in Python for dynamic data extraction.
- Performed data cleaning and transformation using Pandas and NumPy to prepare the dataset for visualization.
- Crafted detailed visualizations in Power BI to monitor key business KPIs and customer engagement trends.
- Key dashboard pages included:
  - ▶ Sales Overview – Total sales, order volume, region-wise breakdown, product performance
  - ▶ Customer Funnel – Step-by-step view of customer journey and conversion analytics
- GitHub Repo: [github.com/Its-Vikas-xd/Shopify-Dashboard](https://github.com/Its-Vikas-xd/Shopify-Dashboard)

## Education

### High School

### National Institute of Electronics and Information Technology

- O Level Software | Python | Web Development