

Samihan Joshi

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[LinkedIn](#) [Leetcode](#) [Hackerrank](#)

EDUCATION:

VIT Bhopal, India.

B.Tech in computer science engineering

SKILLS:

Analytical Tools:

- Power BI
- Advanced Excel

Programming Languages:

- SQL
- Python
- Java

Database:

- MySQL

PROJECTS:

Police Performance Dashboard – [Power Query | Power BI | MySQL | Data Visualization | [Link](#) | [Video](#)

- Developed a police performance assessment dashboard using Power Query, Power BI, and MySQL Server.
- Created interactive visualizations and KPIs in Power BI for dynamic insights.
- Integrated real-time data updates via SQL Server for current insights.
- Hosted and shared reports securely through Power BI Service.

Business 360 - Brick & mortar and E-commerce [Power BI | SQL | Excel | Dax Studio] | [Link](#)

- Customized a multi-functional Power BI dashboard to analyze AtliQ hardware's sales trends over the global market by gathering data from 2 different sources (Excel/CSV files and a SQL database).
- Built data model and visualizations in Power BI, and optimized the report with DAX studio which improved the performance of the report.
- The dashboard enabled AtliQ hardware to analyze different department sales trends and make data-driven decisions, leading to a projected revenue acceleration and reduction in data-related expenses.

Opinion.io [Python | Flask | Google Gemini Gen AI API | YouTube Data API] | [Link](#) | [Video](#) | [Video2](#)

- Developed a Flask API hosted on PythonAnywhere VM to facilitate user interaction, data collection, and integration with external APIs, enabling seamless sentiment analysis on user-provided topics.
- Leveraged the YouTube Data API to fetch relevant videos related to user-provided topics and extract comments for sentiment analysis, ensuring comprehensive data collection for insights.
- Integrated with the Google Gemini Gen AI API for advanced sentiment analysis and summary generation, enhancing the depth and accuracy of sentiment analysis results provided to users.
- Collaborated closely with frontend developers to define API requirements and ensure smooth integration between frontend and backend components, resulting in a cohesive and user-friendly web application experience.