

VENKTESHVARI AMBALAKARAN

Data Analyst

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ABOUT ME

Motivated and detail-oriented BCA graduate with a strong interest in data analysis. Skilled in Excel, SQL, and Python, with foundational knowledge of data visualization tools like Power BI and Tableau. Passionate about working with data to uncover insights and solve real-world problems. Eager to learn, grow, and contribute to a dynamic, data-driven team.

Also familiar with MERN Stack development and capable of building responsive, full-stack web applications.

EDUCATION

Yashwantrao Chavan Open University, Nashik Maharashtra | 2022-2025

Bachelor of Computer Applications (BCA)

CGPA: 7.06 | Percentage: 71%

SKILLS

- Languages & Tools: Python (Pandas, NumPy, Matplotlib), SQL, Excel, Jupyter Notebook, VS Code
- Data Visualization: Power BI, Tableau (basic)
- Data Handling: Data cleaning, data transformation, EDA
- Database Management: MySQL
- Frontend: HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS
- Backend: Node.js, Express.js
- Database: MongoDB
- Other Tools: Git, GitHub, Postman, VS Code
- Soft skills: Problem-solving, Critical thinking, Attention to detail, Team collaboration, Fast learner

PROJECT

SQL Projects.

Sales Data Analysis

- Analyze sales data to identify trends, seasonality, and product performance.
- Key Tasks : Use SQL to query, filter, and aggregate data. Create insights on sales trends and customer behavior.

Customer Segmentation

- Perform customer segmentation based on purchase history and demographics.
- Key Tasks: Use SQL joins, subqueries, and grouping to segment customers.

Power BI Projects .

Website Traffic Analysis

- Analyze website traffic data to understand user behavior and engagement.
- Key Tasks: Create visualizations for traffic sources, user demographics, and session durations.

Employee Performance Metrics

- Build a dashboard to track employee performance and productivity.
- Key Tasks: Use Power BI to create visualizations for performance trends and comparisons.

Tableau Projects.

Customer Analysis Report

- Analyze customer data to uncover purchasing patterns and demographics.
- Key Tasks: Create dashboards with customer segmentation and trend analysis.

Air Quality Analysis

- Analyze air quality data to identify pollution trends and hotspots.
- Key Tasks : Use Tableau to create heatmaps and time-series visualizations

MERN Stack Projects.

Medicine Reminder WebApp

- Built a full-stack web application using React, Node.js, Express.js, and MongoDB to help users manage and receive reminders for daily medications.

Expenses Tracker WebApp

- Developed a MERN stack application that allows users to track, categorize, and visualize daily expenses in real-time.