

# SNEHA DEVARE

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## PROFESSIONAL SUMMARY

Detail-oriented **Data Analyst Fresher** with strong hands-on experience in **SQL, Python, Power BI, and Excel**, specializing in **data cleaning, exploratory data analysis (EDA), KPI reporting, and dashboard creation**. Proven ability to analyze structured datasets, derive actionable insights, and present findings through visualizations. Seeking an entry-level **Data Analyst / Business Analyst** role to contribute to data driven decision-making.

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## TECHNICAL SKILLS

### Data Analysis & BI

- Data Cleaning, Data Validation, Exploratory Data Analysis (EDA)
- KPI Reporting, Business Insights, Dashboard Development
- Predictive Modeling (Classification & Regression)

### Programming & Tools

- **Python:** Pandas, NumPy, Matplotlib, Seaborn
  - **SQL:** Joins, Subqueries, Aggregations, Group By, Case Statements
  - **Power BI:** Interactive Dashboards, Data Modeling (Basic DAX)
  - **MS Excel:** Pivot Tables, VLOOKUP/XLOOKUP, Charts, Data Analysis
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## PROJECTS

### Bank Loan Prediction Classification Project | Python, Machine Learning

GitHub Link - [https://github.com/Sneha-Devare/Bank\\_Loan\\_Portfolio.git](https://github.com/Sneha-Devare/Bank_Loan_Portfolio.git)

- Built a supervised machine learning model to predict **loan default risk (Default Flag)** using customer and loan data.
  - Performed data preprocessing including **missing value handling, duplicate removal, outlier treatment, label encoding, and feature scaling**.
  - Conducted **EDA** using visualizations and correlation analysis to identify key risk patterns.
  - Implemented and compared models such as **Logistic Regression, Decision Tree, Random Forest, and Gradient Boosting**, addressing **class imbalance**.
  - Evaluated model performance using **Accuracy, Precision, Recall, F1-Score, and ROC-AUC**.
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### Supply Chain Analysis | SQL

GitHub Link - [Sneha-Devare/Supply\\_Chain\\_Analysis\\_SQL](https://github.com/Sneha-Devare/Supply_Chain_Analysis_SQL)

- Designed and implemented a **normalized relational database (5 tables, 100 + records)** for supply chain analysis.
- Analyzed **stock-out frequency, stock-out duration, and warehouse performance** using complex **SQL queries**.
- Calculated key **KPIs** such as **inventory turnover, average closing stock, demand pressure, and stock availability percentage**.
- Classified products into **fast-moving** and **slow-moving** categories to support **data-driven inventory replenishment decisions**.

## **Heart Disease Prediction | Python, EDA, Machine Learning**

GitHub Link - [https://github.com/Sneha-Devare/Heart\\_Disease\\_prediction.git](https://github.com/Sneha-Devare/Heart_Disease_prediction.git)

- Conducted **exploratory data analysis (EDA)** on heart disease data to identify key **health risk patterns and trends**.
  - **Handled missing values** and **treated outliers using capping techniques** to improve data quality.
  - Created insightful visualizations including **boxplots, histograms, scatter plots, and correlation heatmaps** to analyze feature relationships.
  - **Applied label encoding** for categorical variables and **performed feature scaling** to prepare data for modeling.
  - Built and evaluated **machine learning models** to predict the **presence of heart disease** based on clinical attributes.
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## **Sales Data Dashboard | MS-Excel**

GitHub Link - <https://github.com/Sneha-Devare/Sales-Data-Dashboard-Using-MS-Excel.git>

- Analyzed sales data to identify trends in **revenue, profit, and product performance**.
  - Performed **data cleaning and preprocessing using Excel functions and formulas**.
  - Created visualizations including **boxplots, histograms, scatter plots, and correlation heatmaps**.
  - Conducted **exploratory data analysis with pivot tables and charts** to uncover monthly and regional sales patterns.
  - Built an interactive **sales dashboard** using **pivot charts, slicers, and KPIs** to support data-driven business decisions.
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## **EDUCATION**

### **Bachelor of Science in Computer Science (B.Sc. Comp. Sci.)**

- April 2024

Savitribai Phule Pune University (SPPU)

R.S.M.D.P College, Deolali Pravara, Ahilyanagar

**Percentage:** 71.02%

### **Higher Secondary Certificate (H.S.C.)**

- March 2021

SPPU, J. T. S. High School, Belapur, Ahilyanagar

**Percentage:** 79.83%

### **Secondary School Certificate (S.S.C.)**

- March 2019

SPPU, J. T. S. High School, Belapur, Ahilyanagar

**Percentage:** 85.80%

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## **CERTIFICATIONS**

- **Data Analytics** – Fortune Cloud Technologies, Pune (*November 2024*)
- **Data Science & Generative AI** – The Coders Orbit, Pune (*May 2025 – Present*)