Neha Gavali

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PROFESSIONAL SUMMARY

Data Analytics fresher with hands-on experience in **data cleaning, data wrangling, and dashboard development** using **Power BI, Tableau, Excel, SQL, and Python**. Energized by exploring complex datasets to uncover meaningful business insights and translate them into **clear, actionable visualizations**. Strong foundation in **ETL concepts, statistics, and analytical problem-solving**, with a consulting-oriented mindset, ability to work independently, and passion for learning industry best practices and delivering data-driven solutions.

TECHNICAL SKILLS

- **Data Analytics & Visualization:** Power BI (DAX basics, dashboards, reports), Tableau (interactive dashboards, visual storytelling), Alteryx (data wrangling concepts, workflow understanding)

- **Data Wrangling & ETL:** Data cleaning, transformation, validation, ETL concepts, data quality checks, consistency frameworks

- **Programming & Querying:** Python (Pandas, NumPy for data analysis), SQL (joins, aggregations, data extraction)

- **Excel Analytics:** Advanced Excel functions (VLOOKUP, HLOOKUP), Pivot Tables, data preparation and analysis

- **Statistics & Analytics:** Descriptive statistics, metrics-driven analysis, basic machine learning understanding (classification, regression)

- **Development Practices:** Dashboard testing and validation concepts, documentation, standard templates, basic Agile awareness

- **Professional Skills:** Analytical thinking, problem-solving, consulting mindset, clear verbal and written communication, adaptability

PROJECTS

SQL Server & Power BI – End-to-End Stock Market Data Analysis

- Designed an end-to-end data analytics pipeline using **SQL Server** for structured data storage and **Power BI** for interactive dashboarding.

- Performed data cleaning, transformation, and validation using **SQL queries and Excel** to ensure data accuracy and consistency.

- Built analytical dashboards visualizing **price trends, technical indicators (RSI, MACD, Bollinger Bands), volume analysis, and sentiment metrics**.

- Implemented **DAX measures** for KPI calculation, trend comparison, and performance insights.

- Focused on translating complex financial datasets into **clear, business-ready visual insights**.

Pothole Detection System – Data Analysis & Computer Vision Project

- Analyzed and prepared real-world road image datasets through **data cleaning, labeling, and exploratory analysis**.

- Built a **YOLO-based computer vision pipeline** to detect potholes, supporting data-driven infrastructure monitoring.

- Evaluated model outputs using performance metrics and visual validation to improve detection reliability.

- Demonstrated the application of **analytics and visualization techniques** to interpret model results and support decision-making.

INTERNSHIP EXPERIENCE

Celebal Technology   Jun 2025 – Aug 2025
Data Science Intern

- Processed, cleaned, and validated datasets with **50,000+ records** using Python, Pandas, and SQL, improving data quality and consistency.

- Conducted **exploratory data analysis (EDA)** to identify patterns, trends, and anomalies supporting data-driven decisions.

- Assisted in building and evaluating ML models including **Linear Regression, Logistic Regression, SVM, and Random Forest**, achieving up to **82% accuracy**.

- Applied statistical evaluation metrics such as **accuracy, precision, recall, and confusion matrix**.

- Developed data visualizations using **Matplotlib and Seaborn** to communicate insights to stakeholders.

- Documented preprocessing pipelines, feature engineering steps, and model assumptions for reproducibility.

EDUCATION

R. C. Patel Institute of Technology, Shirpur   B.Tech – AI & ML   2023–2026
CGPA: 8.49
K.K. Wagh Polytechnic, Nashik   Diploma – Computer Technology   2020–2023
Percentage: 85.77%

CERTIFICATIONS

- **Power BI Certification** – Simplilearn Hands-on experience in data modeling, DAX basics, interactive dashboards, and business reporting.

- **Data Engineering Certification** – Amazon Web Services (AWS) Fundamentals of ETL pipelines, cloud-based data storage, and data processing concepts.

- **Wipro TalentNext – Database Solutions Certification** Strong foundation in SQL, relational databases, data modeling, normalization, and query optimization.