

SHRUSHTI WAGHCHOURE

Data Analyst

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Education

B-Tech: Computer Science Engineering, *Rashtrasant Tukadoji Maharaj Nagpur University*

Nagpur, Maharashtra

7.40 cgpa

PROFILE SUMMARY

Analytical and detail-oriented Data Analyst with foundational knowledge in Python, SQL, Power Excel, and Power BI. Skilled in building dashboards, writing complex queries, and applying ML models for pattern detection. Completed multiple data-driven academic projects and free certifications. Quick learner with a passion for transforming data into actionable insights.

Technical Skills

Programming Languages: Python, SQL

Data Analysis & Visualization: Microsoft Excel, Power BI

Data Science & AI: Machine Learning, Deep Learning

PROJECTS

Diabetes Prediction Using Machine Learning

- Developed a machine learning model to predict diabetes risk using factors like age, BMI, and glucose levels with Python and Scikit-Learn.

Sales Forecasting using Python & ML

- Built a linear regression model using Python and Scikit-learn to predict future sales.
- Performed data cleaning and EDA using Pandas and Seaborn. Achieved 85% accuracy and visualized trends with Matplotlib.

Customer Segmentation using K-Means Clustering

- Used K-Means to segment customers based on purchasing behavior.
- Cleaned and processed data with Python; visualized clusters using Seaborn. Helped simulate targeted marketing campaigns.

Retail Sales Dashboard in Power BI

- Developed an interactive dashboard for retail sales analysis.
- Used slicers, charts, and KPIs to visualize region-wise sales trends. Enabled quick insights for business decision-making.

E-Commerce Product Performance Dashboard

- Used SQL to extract product sales, ratings, and return data from a relational database.
- Processed and cleaned the data using Python (Pandas), then built an interactive Power dashboard. Enabled business users to track top-performing products and return trends by category.

PROFESSIONAL EXPERIENCE

Data Science Intern, *CodeAlpha*

04/2025-05/2025

- Worked on real-world data science projects involving data cleaning, analysis, and visualization, applied python, pandas, and matplotlib to derive insights and present findings effectively.
- Collaborated in a team to build predictive models and automate data workflows.

Machine Learning Intern, *Aquarius Brainage, Nagpur*

01/2025-04/2025

- Developed and tested machine learning models for classification and prediction tasks, worked with Python, Scikit-learn, and NumPy to preprocess data and train algorithms.
- Assisted in evaluating model performance and improving accuracy through tuning techniques.

Data Analytics and Visualization on Forage, *Accenture*

08/2024-09/2024

- Cleaned, modelled and analyzed 7 datasets to uncover insights into content
- Prepared a PowerPoint deck and video presentation to communicate key insights

CERTIFICATION

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- **Data Analytics certification from Forage, Accenture**
- **Python for Data Science, CognitiveClass.ai by IBM**
- **MS Excel Certification, Intellipaat**

SKILLS AND ACHIVEMENTS

General Skills

- Fluent Communication Skills
- Event Management
- Leadership

Achivements

- Completed Writing and ongoing publishing a research paper on "Diabetes Prediction Using Machine Learning"