

Pranav Sankpal

Data Scientist | Data Analyst | Machine Learning Engineer | Business Analyst

Contact

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Summary

Skilled in building predictive models, performing exploratory data analysis, and creating data visualizations to support business decision-making. Proficient in Python, data visualization, and statistical modeling, with a strong ability to transform complex datasets into actionable insights. Excellent communication skills complement technical expertise, enabling effective collaboration and impactful decision-making.

Technical Skills

- Languages:** Python, SQL, JavaScript (Basic), C (Basic), HTML, CSS
- Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Streamlit
- Platforms & Tools:** Jupyter Notebook, Google Colab, Git, GitHub, Microsoft Excel, Tableau, Power BI, PostgreSQL, MySQL
- Core Concepts:** Machine Learning, Deep Learning, Data Analysis, Business Intelligence, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Feature Engineering, Feature Selection, Data Preprocessing, Regression, Classification, Statistical Analysis, Statistical Modeling, Predictive Modeling, Predictive Analytics, Model Evaluation, Cross-Validation, Hyperparameter Tuning, Train-Test Split, Feature Scaling, Normalization

Soft Skills

Problem Solving, Communication, Leadership, Adaptability, Critical Thinking

Relevant Experience

- McKinsey Forward Program** Jun'2026
 - Developed professional skills in problem-solving, communication, leadership, and adaptability.
 - Applied structured thinking and data-driven decision-making to business-focused case studies and challenges.
- Lloyds Banking Group - Data Science Job Simulation (Forage)** Jun'2026
 - Applied data analysis, EDA, and predictive modeling techniques to drive business insights.
 - Utilized Python to analyze datasets and derive actionable recommendations.
 - Supported data-driven decision-making through analytical solutions.

Education

- Bachelor of Technology, Computer Science & Engineering - (2023-27)**
Government College of Engineering, Kolhapur
- 12th (Senior Secondary Examination) - (2023)**
Maharashtra State Board 70%
- 10th (Secondary Examination) - (2021)**
Maharashtra State Board 84.2%

Certifications

- Data Science Bootcamp** Jun'2026
 - Learned Machine Learning, Data Analytics, Statistics, and Predictive Modeling.
 - Worked with Python, Pandas, NumPy, Scikit-learn, and TensorFlow.
- Web Development Bootcamp** Nov'2025
 - Built frontend projects and practiced UI development concepts.
 - Learned responsive web development using HTML, CSS, and JavaScript.
- Oracle Certified Foundations Associate** Oct'2025
 - Learned foundational concepts of AI agents, automation workflows, and intelligent systems.
 - Explored AI-driven problem-solving and agent-based applications.

Projects

- Stock Price Prediction System using Machine Learning** Mar-May'26
 - Built a stock price prediction model using **Python, Linear Regression, Random Forest, and Ensemble learning**.
 - Performed **data preprocessing, feature engineering, and model evaluation** using RMSE and MAE.
 - Achieved a best RMSE of 4.43 and MAE of 3.03 with the Linear Regression model.**
- Customer Churn Prediction and Behaviour Analysis** May-Jun'26
 - Developed a customer churn prediction model using **Logistic Regression and model evaluation**.
 - Performed **EDA, data preprocessing, and feature engineering** to identify key churn factors.
 - Achieved **80% accuracy** while comparing classification models using Accuracy, Precision, Recall, F1-score, and ROC-AUC.

Languages

- English (Proficient)
- Hindi (Proficient)
- Marathi (Native)

Interests

Data Science, Machine Learning, Quantitative Analysis, Data Analytics & Visualization, Business Analytics