

DHRUV DAVE

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Experience

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- Data Science (AI/ML) Intern**, Infolabz , Ahmedabad Jan 2025 – June 2025
- Managed diverse datasets using NumPy and Pandas, ensuring efficient extraction, cleaning, and transformation from CSV, Excel, and API sources
 - Deployed interactive data applications using Streamlit, enabling real-time access to model insights, visual analytics, improving understanding and decision-making.
 - Built and optimized supervised (regression, classification) and unsupervised (clustering) ML models using scikit-learn, improving overall prediction accuracy
 - Created interactive dashboards using Power BI and Matplotlib to highlight key trends and support decision-making, with user-friendly visuals for non-technical users

Projects

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- Intelligent Customer Segmentation and Predictive Insights for B2C Growth** GitHub
- Developed a clustering-based system using machine learning techniques to classify customers based on purchasing behavior, building a predictive analytics engine to forecast trends, drive personalized marketing, and improve retention
 - Integrated Google's Gemini API to enhance customer insight generation through LLM-driven summarization, pattern recognition, and conversational data exploration
 - Designed a real-time interactive dashboard using Streamlit, applying exploratory data analysis (EDA), NumPy, and Pandas to extract actionable insights for B2C growth and data-driven decision making
- IPL Analytics Dashboard** GitHub
- Developed a IPL analytics dashboard using Streamlit, enabling user authentication and dynamic visualizations of team, player, venue, and season performance using pandas and Matplotlib
 - Implemented interactive UI components with dropdowns and charts, improving user experience and allowing non-technical users to explore insights without coding

Skills

Languages: Python

Frameworks& Libraries: Pandas, NumPy, Django, Matplotlib, Scikit-learn, TensorFlow, OpenCV

Tools & Platforms: PyCharm, SQL, Microsoft Power BI, Streamlit, GitHub

Certification

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- Python Basics for Data Science, IBM
 - Data Science Bootcamp, Udemy
 - Data Analytics Job Simulation, Deloitte

Education

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- Sal Engineering and Technical Institute**, Ahmedabad 2022 – 2025
- BE in Computer Science, CGPA: 7.30/10.0
- Government Polytechnic**, Gandhinagar 2019 – 2022
- Diploma in Computer Engineering, CGPA: 8.07/10.0