

ADITYA SHRIMALI

Data Analyst / Junior Data Scientist

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Summary

Data Analyst with a strong foundation in SQL, Python, Excel, Machine Learning, and Power BI. Experienced in data cleaning, exploratory analysis, visualization, and predictive modeling to support data-driven decision-making.

Skills

Programming & Querying: Python, SQL, R (Basics)

Tools & Technologies: Numpy, Pandas, MS Excel, Power BI, Streamlit, Matplotlib, Scikit-Learn, Ollama, AI Tools

Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

Soft Skills: Rapid learner, quick adoption of new tools, problem-solving mindset, adaptability

Experience

Intern

Dec 2024 – Jan 2025

MATE, Udaipur

Tools Used: Python, JS, Expo, React Native

- **Analyzed application usage and user interaction data** to understand engagement patterns and identify trends related to feature usage and user activity.
- Gained hands-on experience with native development, improving component-based development, state management, improving user experience and making better user interfaces.

Projects

Customer Churn Prediction | Python — Streamlit

Dec 2025 – Jan 2026

- **An end-to-end machine learning project for predicting customer churn** using structured customer data with a focus on accuracy and real-world business use cases.
- Implemented rapid data preprocessing, feature scaling, encoding techniques, and trained multiple ML models including SVM to optimize prediction performance.
- Built an interactive Streamlit application enabling users to input customer details and receive real-time churn prediction results.
- **Achieved 95% prediction accuracy, helping identify high-risk customers for retention strategies.**

God Workflows | Python — ComfyUI

May 2025 – June 2025

- **A collection of advanced workflows for image generation using ComfyUI** designed for high-quality, realistic, and anime-style outputs with smart automation features.
- Engineered new features including A Random Prompt Combination Generator and a Dynamic Lora Loader.
- Generated 100+ Sample visualizations (realistic, anime) to highlight the image generation quality.
- Used several different open source models like stable diffusion, illustrious and pony models to create stunning results.

Awards & Certifications

- **Python Developer – WhiteHatJr (2021-2022):** Completed more than 50 practical case studies involving classic Programming, SQL, data cleaning, dashboards, and presentations.
- **Machine Learning & Pandas – Kaggle (2025):** Learned and implemented intermediate machine learning models and analyzed various datasets using Pandas and Matplotlib.
- **Python Programming – Kaggle (2025):** Learned and implemented functional as well as object oriented programming using python.

Education

B.Tech CSE

Expected Graduation: 2026

IET, Udaipur

Ongoing