

Jivan Patil

Data Science & Machine Learning Enthusiast

Skilled professional with 4.8 years of experience in data wrangling, and ETL processes transitioning from pharmacovigilance to data science. Proficient in Python, MySQL, and libraries like Pandas, NumPy, and Seaborn, with a proven track record of building data-driven solutions and delivering actionable insights.

Contact

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Nashik, Maharashtra (India)

Education

M. PHARMACY (Pharmaceutics)

S.S.D.J. College of Pharmacy, Chandwad,
Nashik (2016)

B. PHARMACY

Loknete Dr. J.D. Pawar college of
Pharmacy (Manur) (2014)

M. A. (Philosophy)

Indira Gandhi National Open
University
(2024)

Skills

- **Programming & Tools:** Python, MySQL, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn
 - **Machine Learning & Deep Learning Models:** Linear Regression, Logistic Regression, Decision Trees, Random Forest, SVM, K-Nearest Neighbors, Gradient Boosting, XGBoost, ANN, CNN, etc.
 - **Data Analysis:** Statistical Analysis, Data Visualization, Data Cleaning, Feature Engineering, ETL, Data Wrangling
 - **Other Tools:** Microsoft Excel (Advanced), PowerPoint, Streamlit (for app development), Power BI
 - **Other:** Streamlit (App Development), Jupyter, Git, GitHub
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Core Competencies

- Data Analysis & Visualization
- Deep Learning
- Machine Learning Model Development
- Statistical Analysis & Feature Engineering
- Data Cleaning & Preprocessing

Project

[Real Estate Price Prediction Web App](#) (Streamlit)

- Developed an end-to-end machine learning web application using Streamlit to predict real estate prices based on features like location, size, and amenities.
- Performed data wrangling and ETL processes using Pandas and NumPy, integrating data from multiple sources.
- Utilized Python libraries (Pandas, NumPy, Scikit-learn) to preprocess data, train a Random Forest model, and achieve 85% prediction accuracy.

Experience

Data Science Intern (Internship)

Techdata Solutions

(Jul-2024 – Jan-2025)

- Gained hands-on experience in data science by working on real-world datasets, focusing on data preprocessing, exploratory data analysis (EDA), and model building.
- Executed data wrangling and ETL workflows on real-world datasets using Python, Pandas, and MySQL
- Developed data visualizations using Matplotlib to present insights to stakeholders, improving decision-making processes.

Safety & PV Specialist I

Syneos Health

(Oct 2022 – Sep 2023)

- Conducted data analysis on adverse event reports, utilizing Excel to identify trends in pharmacovigilance data, improving case processing efficiency by 20%.
- Managed and cleaned large datasets of ICSR cases (PMS & CT), ensuring data integrity
- Collaborated with cross-functional teams to streamline workflows, leveraging data insights to support regulatory compliance.

Operations Specialist I

IQVIA

(June 2021 – Oct 2021)

- Performed data analysis on ICSR datasets (PMS & CT cases) using Excel, identifying patterns in adverse events that led to a 15% reduction in duplicate case reporting.
- Supported triage and data entry processes by developing automated Excel workflows, reducing manual errors by 25%.
- Contributed to narrative writing by extracting key insights from data, ensuring accurate reporting of adverse events.

Senior Process Associate/Quality Analyst

Tata Consultancy Services

(Feb 2018 – Jun 2021)

- Analyzed pharmacovigilance data (ICSRs for PMS & CT cases) using Excel, identifying discrepancies in adverse event reporting with 99.8% accuracy.
- Conducted root cause analysis (RCA) on data inconsistencies, reducing error rates in case processing by 30% through actionable insights.
- Supported quality review processes by leveraging data analysis to ensure compliance with regulatory standards.