

Patil Krishnal

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Summary

Detail-oriented Data Science and Analytics Proficient in Python, SQL, Power BI, Tableau, and advanced statistical/ML techniques. Experienced in building predictive models, performing exploratory and statistical analysis, and developing interactive dashboards. Strong ability to translate raw data into actionable insights, with hands-on project experience in data analytics, machine learning, and business problem-solving.

Education

Matoshri College Of Engineering And Research Center, Nashik 2021 - 2025
Artificial Intelligence & Data Science

- CGPA: 7.60

Kai Sau G.F Patil Junior College, Shahada 2019 - 2021
HSC, Science

- Percentage: 92.00

Technical Skills

Programming & Querying : Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL (MySQL).

Data Analysis & Tools : Power BI, Tableau, Excel Dashboards, Exploratory Data Analysis (EDA), Business Intelligence Reporting.

Machine Learning : Regression, Classification, Clustering, NLP, Time Series Forecasting, Recommendation Systems.

Data Management : Data Warehousing Concepts, ETL Process.

Statistical Analysis : Hypothesis Testing, A/B Testing, Correlation.

Experience

Data Analyst Intern, ESDS software solutions Jan 2024 – Mar 2024

- Reviewed and validated employee training records to find skill gaps, then suggested targeted learning programs.
- Designed Power BI dashboards that tracked training progress, leading to a 20% boost in training efficiency.
- Worked alongside HR and L&D teams to break down analytics into easy-to-use reports, helping them improve engagement and follow-up actions.

Projects

Netflix Data Analysis, GitHub

- Worked with a dataset of 6,234 Netflix titles, handling the full process from importing and cleaning the data to validating results for accuracy.
- Used Pandas and Seaborn to explore trends like genre popularity and release year patterns, creating 8 clear visualizations that highlighted 5 practical ideas for improving content strategy including ways to potentially lift audience engagement by 20%.
- **Tools & Techniques** : Python, Jupyter Notebook, Pandas, Seaborn, Matplotlib, NumPy

IBM HR Analytics, GitHub

- Analyzed 1,470 employee records to understand what drives attrition, job satisfaction, and performance — found that 16% of attrition was concentrated in certain departments and linked to work-life balance concerns.
- Built 6 dashboards in Power BI and Python to share findings with HR managers, helping them focus on 3 key areas for improving retention through targeted engagement programs.
- **Tools & Technologies** : Power BI, Python, Pandas, Seaborn, Matplotlib, NumPy, Jupyter Notebook

Certifications

- **Data science & AI Course** : Learnbay Institute
- **Machine Learning** : IBM
- **Python with Data science** : IBM