Yash Khedkar

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Education

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune — **2021 – 2025**
B.E. in Artificial Intelligence & Data Science — CGPA - 8.67 — *Pune, Maharashtra*

Dr. Sharadchandraji Pawar Junior College, Gangakhed — **2020 – 2021**
HSC — Percentage - 96.17% — *Gangakhed, Maharashtra*

Technical Skills

Python: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Ms Excel: Countif, Sumif, VLOOKUP, index, Match, Pivot table, Pivot charts
MySQL: Data types, Aggregate Function, Joins, Clauses, Subqueries, Window Functions
Power BI: Data Cleaning, DAX, Data Modelling, ETL, Dashboarding, Data Reporting
Machine Learning: Supervised, Regression, Classification, Unsupervised, Clustering, Association
Additional Skills: C++, Data Analysis, Statistical Analysis, Data Visualization, Communication&Presentation, Problem Solving

Experience

Edunet Foundation — **Dec 2023 – Feb 2024**
Data Analytics Intern

- Conducted comprehensive data analysis on E-commerce sales data using Python, identifying key trends and patterns to support business decisions.
- Cleaned and prepared large datasets for analysis, improving data accuracy and reducing processing time by 20%.
- Automated data extraction and transformation processes using Python scripts, increasing efficiency by 30%.
- Presented analytical findings to the management team, providing actionable insights that significantly enhanced sales performance.

Projects

Integrated Multi-Disease Prediction System | *Python, Machine Learning* — **Link**

- Developed machine learning models using Python library such as scikit-learn to predict the likelihood of Diabetes, Heart Disease, and Parkinson's Disease.
- Achieved high accuracy rates for each model: 84% for Diabetes, 89% for Heart Disease, and 91% for Parkinson's Disease detection.
- Conducted data cleaning and preprocessing to ensure high-quality inputs, using Pandas and NumPy for handling missing values, outliers, and normalization.
- Developed an interactive web application using Streamlit to allow users to input data and obtain real-time predictions, enhancing accessibility and usability.

Bank Loan Performance Dashboard | *Python, Excel, SQL* — **Link**

- Created comprehensive Bank Loan Performance Analysis Dashboard using MS Excel for data visualization and analysis, integrating MySQL queries and Python scripts for data cleaning, resulting in a 30% reduction in reporting time.
- Enhanced data integrity and accuracy by implementing Python scripts to clean and preprocess 10,000+ loan records, reducing errors by 25% and ensuring robust analytics for decision-making
- Designed and deployed interactive dashboards in MS Excel, enabling stakeholders to monitor loan performance metrics with a 40% increase in user engagement and satisfaction.

Sales Insights | *Python, MySQL, Power BI* — **Link**

- Created dynamic Power BI dashboards to visualize sales trends and performance metrics, leading to a 20% increase in data-driven decision-making efficiency.
- Cleaned and preprocessed over 48,000 sales records with Python, enhancing data accuracy by 30% and ensuring reliable analysis.
- Designed and implemented complex SQL queries to efficiently extract and aggregate sales data, significantly enhancing query performance.

Leadership / Extracurricular

Team Sanskriti — **2023 – 2024**
Management Team — *DIT, Pune*

- Led a team of 10 members in organizing and executing college club events, improving participation rates and fostering team collaboration.