Sarvesh Joshi
Data Scientist / Data Analyst

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in https://linkedin.com/in/sarvesh-joshi-82b327113 ⊙ https://github.com/vash04

🪪 PROFILE :

Data Scientist at Code Icons Technology, **Pune [Jan 2023 - Present] :**
Developed regression and classification models using Python and Scikit-learn to optimize business operations and reduce costs by 20%. | Engineered features and applied statistical techniques like hypothesis testing and correlation analysis for insightful modeling. | Automated data processing tasks, improved dashboard usability in Power BI enhancing decision-making efficiency by 30%. | Collaborated cross-functionally to communicate ML results and dashboards to non-technical stakeholders.

Data Science Intern at FlipRobo, Bangalore [June 2022 - Dec 2022] :
Performed exploratory data analysis and preprocessing using Python and SQL, improving data quality and model readiness. | Applied regression and classification techniques during POCs and learned model evaluation methods like RMSE and F1-score. | Built visualizations using Tableau and Excel for stakeholder insights; supported the team in solving real-world data challenges.

🧠 SKILLS :

Programming & Machine Learning :
Python (OOPs, Pandas, NumPy, Scikit-learn, XGBoost, TensorFlow) Supervised ML (Linear, Ridge, Lasso, Logistic Regression, Decision Trees, SVM), Model Evaluation (RMSE, Precision, Recall, F1-score, AUC)

SQL & Data Handling :
Advanced SQL (Joins, Subqueries, Window Functions, CRUD operations) Database Management: SQL Server, MySQL

Tools & Platforms :
Azure, Hadoop, SSIS, Excel (Pivot, VBA), Smart Sheet

Advanced Skills :
NLP / GenAI / Deep Learning

Statistical Analysis & Feature Engineering
Hypothesis Testing, Correlation, Distributions, Collinearity Handling Feature Scaling, Encoding, Missing Value Imputation, Dimensionality Reduction

Visualization & BI Tools:
Matplotlib, Seaborn, Plotly, Power BI (DAX, Data Modeling), Tableau Storytelling & KPI Dashboards for stakeholder decision-making

Deployment and Tools :
Flask (API Development), Docker (containerization & scalable deployment)

Soft Skills & Collaboration :
Strong analytical thinking, effective communication, documentation & cross-functional teamwork

📁 PROJECTS :

Smart Banking System :- Client: Hexaware Technologies | Tools: Python, SQL Server, Power BI   April 2023
Developed regression models to analyze transaction behavior and detect anomalies, improving reporting efficiency by 25%. | Automated SQL workflows via Python scripts, reducing manual effort by 40%. | Created dashboards with geo-maps and trend charts using Power BI to support strategic decision-making for 100+ users. | Applied feature engineering and model evaluation (RMSE, Precision) to optimize system performance.

Insurance Transaction System :- Client: Maxlife Insurance | Tools: Python, MySQL, Power BI, Tableau   December 2023
Built SQL datasets and performed feature engineering for classification models predicting policy churn. | Applied hypothesis testing and correlation analysis to uncover patterns in policy transactions. | Automated data pipelines with Python, cutting processing time by 50%.

Pharmacy Management CRM : Client: Med+ | Tools: Python, SSIS, Power BI   June 2024
Implemented ML models for forecasting stock needs and optimizing inventory tracking. | Engineered features and evaluated models using metrics like F1-score and Recall to reduce audit errors. | Created dynamic dashboards and SSRS reports analyzing IM+ records for business insights. | Integrated data across Oracle and SQL Server for unified access to performance metrics.

🏆 CERTIFICATES AND ACHIEVEMENTS :

- PG Program in Data Science, Machine Learning and Neural Networks by Data Trained Education (Bangalore). 🔗
- Project Completion by Capstone Projects. 🔗
- Call Letter from State Bank of India for Apprenticeship. 🔗
- Deep Learning and NLP with ML by DataTrained. 🔗
- Internship for Flip Robo Technologies. 🔗
- Participated in 6th International Mathematics Olympiad. 🔗
- Microsoft Power BI for Business Intelligence by Udemy. 🔗
- Incognito Visit and Survey for Indian Overseas Bank. 🔗

🎓 EDUCATION :

Master of Commerce, Devi Ahilya Vishwavidhyalaya   June 2018 – June 2020
Aggregate Percentage : 77.90%   Indore, India

Bachelor of Commerce, Vikram University   June 2014 – June 2017
Aggregate Percentage : 71.10%   Ujjain, India