SIVAKUMAR K

Data Analyst | Python | SQL | Power BI | Excel
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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with hands-on experience in data cleaning, validation, reporting, and quality analysis using Excel, SQL, Python, and Power BI. Proven ability to analyze large datasets, identify trends, improve data accuracy, and deliver actionable insights to stakeholders. Strong problem-solving skills, experience working with cross-functional teams, and a solid foundation in machine learning and statistical analysis.

PROFESSIONAL EXPERIENCE

Ninestars Information Technologies Pvt. Ltd. — Junior Associate
May 2022 – July 2024

● Analyzed and validated large-scale content and operational datasets for enterprise clients including Hindustan Times and KCC, consistently achieving 98%+ accuracy.

● Performed detailed data cleaning, formatting, and reconciliation using Excel functions such as VLOOKUP, Pivot Tables, conditional formatting, and filters.

● Reviewed vendor and freelancer submissions, identifying discrepancies and improving overall data quality compliance by 20%.

● Generated daily, weekly, and monthly MIS reports to track productivity, quality metrics, and turnaround time.

● Collaborated with IT and operations teams to troubleshoot workflow issues, reducing processing delays and operational bottlenecks.

● Monitored recurring data errors, performed root cause analysis, and implemented corrective actions to improve efficiency.

● Presented insights and quality reports to Project Team Leaders to support decision-making.

TECHNICAL SKILLS

• Programming & Analysis: Python (Pandas, NumPy, Scikit-learn), SQL
• Data Tools: Excel (Pivot Tables, VLOOKUP, Power Query), Power BI
• Data Techniques: Data Cleaning, Data Validation, Data Visualization, Reporting, EDA
• Machine Learning: Regression, Feature Engineering, Model Evaluation
• Systems: Windows, Linux, Networking Basics

SOFT SKILLS

Analytical Thinking, Problem Solving, Stakeholder Communication, Team Collaboration, Time Management, Multitasking, Training & Mentoring

PROJECTS

Air Ticket Price Prediction – Machine Learning Project

● Developed a machine learning model to predict airline ticket prices based on features such as airline, duration, total stops, days left, and travel class.

● Performed data cleaning, preprocessing, feature encoding (One-Hot Encoding), and scaling.

● Implemented Polynomial Regression and evaluated performance using MSE, RMSE, MAE, and R^2 metrics.

● Gained hands-on experience in end-to-end ML pipeline development and model evaluation.

EDUCATION

B.Sc. Computer Science – 84%
Sri Sankara Arts and Science College
June 2018 – May 2021

CERTIFICATIONS

• AI & Machine Learning
• Python for Data Science