

RAJKUMAR RANGALA

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Professional Summary

Experienced data analyst with over three years at Infosys, specializing in Python, SQL, and data visualization (Power BI). Skilled in statistical analysis, predictive modeling, and machine learning, driving a 15% increase in operational efficiency and 10% revenue growth. Adept at delivering actionable insights to support business decisions. Seeking to leverage expertise in a mid-level data analyst or machine learning engineer role.

Technical Skills

- Programming: Python (NumPy, Pandas, Scikit-learn), SQL
- Data Visualization: Power BI, Matplotlib, Seaborn, Plotly
- Machine Learning: Linear Regression, Logistic Regression, Random Forest, XGBoost, k-means Clustering
- Tools: Git, Jupyter Notebook, Excel
- Concepts: Statistical Analysis, Predictive Modeling, Data Cleaning, Business Intelligence, A/B Testing

Soft Skills

- Problem-Solving, Communication, Collaboration, Analytical Thinking

Work Experience

Data Analyst	Infosys Limited, Bangalore, Karnataka	April 2022 – Present
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- Analyze complex datasets to drive business decisions, achieving a 15% increase in operational efficiency.
- Develop and maintain interactive dashboards using Power BI, enhancing data accessibility for over 50 stakeholders.
- Collaborate with cross-functional teams to resolve data quality issues, reducing discrepancies by 20%.
- Conduct statistical analysis and predictive modeling to forecast sales trends, contributing to a 10% revenue increase.
- Automate data collection and processing with Python and SQL, saving approximately 10 hours weekly.
- Deliver actionable insights through reports and presentations, supporting strategic planning.

Projects

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| Customer Segmentation Analysis | Infosys Limited |
| <ul style="list-style-type: none">• Applied k-means clustering to segment customers based on purchasing behavior, enabling targeted marketing campaigns and increasing customer retention by 12%. | |
| Sales Performance Dashboard | Infosys Limited |
| <ul style="list-style-type: none">• Designed an interactive Power BI dashboard to monitor sales performance across regions, identifying underperforming areas and boosting sales by 8%. | |
| Inventory Optimization | Infosys Limited |
| <ul style="list-style-type: none">• Developed a predictive model using XGBoost to optimize inventory levels, reducing excess stock by 25% and stockouts by 15%. | |

Education

Bachelor of Science in Computer Science Andhra University, Visakhapatnam, Andhra Pradesh
December 2021

- Relevant Coursework: Programming (Python, Java, C++), Algorithms, Data Structures, Software Engineering

Certifications

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| • Infosys Certified Python Programmer | November 2024 |
| • Infosys Certified Data Science Professional Using Python | November 2024 |
| • SQL (Advanced), HackerRank | November 2024 |