

K. Kashinath

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Objective

Results-driven Data Analyst with expertise in Python, SQL, and Power BI, seeking to leverage predictive modeling (99.16% accuracy) and interactive dashboard development to drive data-informed decisions. Committed to solving complex business challenges and optimizing operations through actionable insights.

Technical Skills

- **Programming:** Python, SQL, MySQL, PostgreSQL
 - **Libraries:** Pandas, NumPy, Matplotlib, Seaborn
 - **Visualization:** Power BI, Excel (Power Query)
 - **Tools:** Jupyter Notebook, Google Colab, Git
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Key Projects

Loan Default Prediction (Python, Scikit-learn, Pandas / 2024)

- engineered KNN and Naive Bayes models, achieving 99.16% accuracy in automating loan default detection.
- Resolved class imbalance using oversampling techniques, reducing manual fraud detection time by 30%.
- Delivered actionable insights, empowering financial institutions to enhance credit risk management.

Walmart Sales Analysis (Excel, MySQL, Power BI / 2025)

- Developed an interactive Power BI dashboard with DAX, uncovering 32% revenue from electronics and 12% higher customer satisfaction for credit card users.
- Streamlined data cleaning with Power Query and SQL, cutting analysis time by 25%.
- Drove operational improvements by identifying high-impact sales trends and cancellation patterns.

Fish Growth Prediction with CNN (Python, TensorFlow / 2024)

- Designed a 1D CNN model (R^2 : 0.99) to predict fish growth, solving scalability issues in aquaculture.
 - Built a user-friendly Tkinter GUI, reducing manual measurement efforts by 40%.
 - Advanced sustainable aquaculture practices through precise growth predictions.
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Education

B.Tech, Computer Science

St. Martin's Engineering College, Secunderabad | 2021–2025

CGPA: 7.92/10.0

Intermediate (MPC)

Sri Chaitanya Junior College, SR Nagar | 2019–2021

Percentage: 93.4%

SSC

St. Alphonsus High School, Banjara Hills | 2019

CGPA: 8.0/10.0

Certifications

- **Cisco Data Analytics Essentials**, 2025 (Developed skills in data processing, visualization, and network-driven analytics)
 - **Google Data Analytics**, Coursera, 2025 (Mastered Python, SQL, and stakeholder communication)
 - **SQL (Intermediate & Advance)**, HackerRank, 2025 (Optimized complex queries for analytics)
 - **Python**, Udemy, 2025 (Expertise in Pandas, NumPy for predictive modeling)
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Leadership Experience

- Directed teams of 2–3 in data analytics projects, including loan default prediction and sales analysis, ensuring timely delivery of high-accuracy models and dashboards.
 - Facilitated collaboration, delegated tasks, communicated insights, and driving project success.
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Additional Information

- **Languages:** English (Fluent), Telugu (Native), Hindi (Proficient), Kannada (Proficient)