







PAVAN KALYAN

Data Analyst | MCA Student

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 **Portfolio:** Explore my complete academic and personal projects online:

<https://kalyanfinity-portfolio.netlify.app/>

Highlights hands-on projects in Data Analysis, Machine Learning, and Business Intelligence demonstrating ability to work with large datasets, build predictive models, and create engaging dashboards.

PROFESSIONAL SUMMARY

Passionate MCA student and data analyst specializing in transforming raw data into actionable insights. Expert in SQL, Python, Excel, and Power BI with proven experience in building interactive dashboards, statistical analysis, and machine learning models. Demonstrated ability to work with real-world datasets and deliver impactful visualizations that drive business decisions.

PROFESSIONAL EXPERIENCE

Data Science Intern

Interncall, Kurnool | January 2024 - April 2024

- Applied Python for data science tasks including data cleaning, exploratory data analysis (EDA), and building machine learning models to solve real-world problems
- Worked extensively with data visualization libraries like Matplotlib and Seaborn to present insights effectively
- Gained hands-on experience in end-to-end data science project lifecycle

EDUCATION

Master of Computer Applications (MCA)

Jawaharlal Nehru Technological University, Anantapur (JNTUA) | 2025-2027

Bachelor of Science - Mathematics, Statistics, Computer Science

St Joseph's Degree College (Affiliated to Rayalaseema University) | 2021-2024

TECHNICAL SKILLS

Programming & Analysis

Python (Pandas, NumPy)
SQL
Excel
Statistical Analysis

Visualization & BI Tools

Power BI (DAX Functions)
Matplotlib
Seaborn
Interactive Dashboards

SKILLS & PERSONAL ATTRIBUTES

Soft Skills

Problem Solving
Teamwork
Communication
Adaptability
Time Management
Continuous Learning
Attention to Detail

Languages

English (Fluent)
Telugu (Native)

Core Strengths

Consistency & Dedication
Curiosity
Fast Learner
Self-Motivated
Active Listening

Hobbies & Interests

Drawing
Photography
Editing
Listening Stories
Motivating Others
Providing Guidance

KEY PROJECTS

HR Analytics: Employee Attrition Analysis

Python, Power BI, Machine Learning, Statistical Analysis

- Analyzed employee data to identify key factors influencing resignations
- Built classification models to predict employee attrition with high accuracy
- Developed interactive Power BI dashboard for HR decision-making

Zomato Restaurant Data Analysis

Python, Pandas, Machine Learning, Data Visualization

- Comprehensive analysis of restaurant data to identify rating patterns and customer preferences
- Developed predictive models for restaurant classification and performance insights

Handwritten Digit Recognition (MNIST)

Python, CNN, Deep Learning, Interactive UI

- Built CNN model achieving high accuracy on MNIST dataset
- Created interactive canvas for real-time digit prediction with user feedback system

Netflix Content Analysis Dashboard

Power BI, DAX, Data Visualization, Statistical Analysis

- Interactive dashboard analyzing 5,000+ Netflix titles with advanced DAX functions
- Trend analysis across content types, genres, and countries for business insights