

DATA SCIENTIST

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SUMMARY

My career objective is to leverage data science expertise to drive data-driven decision-making, solve complex problems, and extract actionable insights from diverse datasets. I aim to contribute to innovative projects, applying machine learning and statistical analysis to generate meaningful solutions that enhance business outcomes and societal well-being while continuously expanding my skill set in this dynamic field.

TECHNICAL SKILLS

- **Data Analysis:** Proficient in Python, Pandas, and NumPy for data cleaning and exploration.
- **Machine Learning:** Experienced with Scikit-Learn, TensorFlow, and PyTorch for predictive models.
- **Data Visualization:** Skilled in Matplotlib, Seaborn, Tableau, and Power BI for insightful visualizations.
- **Big Data:** Familiar with Apache Spark, and Hadoop for large datasets.
- **Natural Language Processing:** Competent in text analysis and chatbot development.
- **Data Engineering:** Knowledgeable about data pipelines, ETL processes, and SQL databases.
- **Cloud Computing:** Familiar with AWS for project deployment.

PROJECT DETAILS

Title: Pizza Sales Analysis.

Description: This project aims to analyze pizza sales data to gain valuable insights into various aspects of the business, including total revenue, top-selling pizzas, sales distribution by pizza size, sales by month, day, and hour, and identifying peak sales times.

Title: Employee Attendance Analysis.

Description: The Employee Attendance Analysis project aims to provide valuable insights and data-driven decision-making capabilities to a company by using Power BI. The primary focus is on analyzing various aspects of employee attendance, key ratios, and trends. The project covers essential metrics such as total working days, present days, work-from-home days, weekly and monthly attendance percentages, sick leaves, and day-wise analysis.

Title: Deep Learning-Based Face Mask Detection Using Yolo V5. (MAY, 2023)

Description: This study explores YOLOv5-based face mask detection during the COVID-19 pandemic, finding the 300-epoch model to perform best with 96.5% accuracy. Thanks to their filter-based feature extraction, CNNs excel in image analysis with minimal pre-processing.

EDUCATIONAL QUALIFICATION

- **Bachelor of Technology (B. Tech) in Computer Science and Engineering (CSE)** Sree Rama Engineering College Tirupati, AP.
Graduated: May 2023 GPA: 7.4.
- **Intermediate in MPC** NRI Junior Inter College, Tirupati, AP.
Graduated: April 2019 CGPA: 8.71.
- **Secondary Education** in Blue Bells English Medium High School, Kadapa, AP.
Graduated: May 2017 CGPA: 8.7.

CERTIFICATION

- ✓ Certification in **Python Programming Language**.
Description: Certification in Python by Perfect eLearning online e-learning platform.
- ✓ Certification in **Machine Learning**.
Description: Certification in Machine Learning by Perfect eLearning online e-learning platform.