

# Maheswara Reddy Peram

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## Objective

Seeking to leverage expertise in data analysis, visualization, and machine learning to deliver actionable business insights and optimize data-driven decision-making in a dynamic data analyst role.

## Education

- **Laki Reddy Bali Reddy College of Engineering**, Mylavaram, AP  
B.Tech in Artificial Intelligence and Data Science Nov 2021 – Apr 2025  
GPA: 8.32/10.0  
Relevant Coursework: Statistics, SQL, Data Visualization, Programming, Machine Learning, Predictive Analytics
- **Oxford Junior College**, Narasaraopet, AP Jun 2019 – Jun 2021  
Intermediate  
Score: 947/1000
- **Oxford Concept School**, Narasaraopet, AP Jun 2018 – Apr 2019  
Secondary School Certificate  
GPA: 9.7/10

## Technical Skills

- Programming: Python (Pandas, NumPy, Matplotlib), SQL (MySQL, PostgreSQL), R, MATLAB, JavaScript, PHP
- Tools: Excel (Advanced), Power BI, Tableau, TensorFlow, MongoDB, AWS
- Concepts: ETL processes, Data Cleaning, Data Modeling, Statistical Analysis, Predictive Analytics, Machine Learning, Data Integration
- Soft Skills: Analytical thinking, Problem-solving, Effective communication
- Languages: English (Fluent), Hindi (Conversational)

## Projects

### Student Academic Performance Analysis

- Built machine learning models (Linear Regression, SVM, Random Forest) with 85% accuracy to predict student performance.
- Conducted exploratory data analysis (EDA) and hypothesis testing to identify key success factors.

### Human Stress Detection Using Deep Learning

- Developed TensorFlow-based CNN and RNN models to classify stress levels with high precision.
- Automated data preprocessing, improving workflow efficiency by 40%.

### Data Integration and ETL Processes (Internship)

- Designed and optimized ETL pipelines consolidating data from over 30 sources.
- Enhanced data quality and accuracy for analytics dashboards, reducing reporting delays.

## Work Experience

### Data Integration Intern

DataOps Technology Solutions, Bangalore, KA

April 2024 – June 2024

- Streamlined data pipelines and implemented data validation and quality assurance checks.
- Collaborated with data scientists and business analysts delivering actionable insights.

## Certifications

- Data Analytics in Python Certificate, DataCamp (Completed)
- Data Analyst Career Track, DataCamp (Completed)
- Deloitte Australia's Data Analytics Course, Forage (Completed)
- MongoDB Certified Developer (Completed)
- Machine Learning with Python (Coursera/DataCamp) (Completed)