

Tallapelly Nithin

Warangal, Telangana

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Professional Summary

Motivated and detail-driven Data Science graduate with hands-on experience in data analysis, predictive modeling, and interactive dashboarding. Adept at transforming complex data into actionable insights using SQL, Python, and Power BI. Proven ability to work with large datasets, streamline queries, and automate data-driven processes. Eager to contribute to dynamic teams in an entry-level role focused on analytics, BI, or software development.

Technical Proficiencies

Languages & Tools: Python, SQL, Power BI, Excel

Data Science & Analysis: Machine Learning (Classification, Regression), Predictive Modeling, EDA, Time-Series Analysis, Statistical Analysis

Visualization & BI: Power BI (DAX, KPIs, Dashboards), Matplotlib, seaborn

Data Handling: Data Cleaning, Data Preprocessing, Big Data Management

Database Skills: Joins, CTEs, Indexing, Query Optimization

Projects

Pizza Sales Dashboard | SQL & Power BI

- Designed a data model and interactive dashboard highlighting key sales KPIs.
- Achieved 30% faster query performance through optimization.
- Identified high-performing menu items and customer behavior trends.

Predictive Pulse: Blood Pressure Analysis | Python (ML)

- Developed a predictive model with 85% accuracy using logistic regression and decision trees.
- Engineered features from clinical data to assess hypertension risks.

AI-Powered Robot Fault Diagnosis | Machine Learning

- Created a diagnostic tool using sensor data to detect faults in robotic systems.
- Improved diagnosis accuracy by 30% using ensemble modeling and feature engineering.

Education

B.Tech in Data Science

Vaagdevi College of Engineering, Warangal — 2025

CGPA: 7.98

Intermediate (M.P.C.)

S.R. NVB College, Hanamkonda — 2021

Percentage: 81.6%

SSC

Platinum Jubilee High School, Warangal — 2019

GPA: 9.7

Certifications

- Power BI Workshop – OfficeMaster (2025)
- Python Programming – AICTE (EI SYSTEMS)
- AI & ML Skill Upgradation – SETWIN
- Web Development & Design – AICTE (OASIS INFOBYTE)

Strengths

- Strong analytical and problem-solving mindset
- Effective communicator and team collaborator
- Proficient in storytelling with data
- Adaptable and eager to learn new technologies