

BHANU PRAKASH ACHINI

Recent B.Tech (Data Science) graduate with hands-on experience across the data stack — SQL, Python, PySpark, Snowflake, Machine Learning, Power BI, and Tableau — building analytics dashboards and optimizing data pipelines for measurable business impact.

📞 +91 9701931918 ✉ bhanuprakashachini08@gmail.com [🌐 LinkedIn](#) [🐙 GitHub](#) [💻 Portfolio](#)

Academic Details

TKR College of Engineering and Technology

2023

Diploma (ECE)

Hyderabad, Telangana

CGPA: 7.0

Sreyas Institute of Engineering and Technology

2026

B.Tech in Computer Science and Engineering (Data Science)

Hyderabad, Telangana

CGPA: 7.4

Projects

Online Retail Customer Analytics & End-to-End Pipeline



- Performed **data cleaning and analysis** on **1.07M+ retail transaction records** using Python (Pandas), handling duplicates, null identifiers, and transactional anomalies to prepare **797K+ analysis-ready records**.
- Built a **Power BI Executive Dashboard** using **RFM segmentation, star-schema modeling, and DAX measures**, analyzing **5,864 customers** and identifying that the **top 10% of accounts contributed 63% of £16.36M total revenue**.

Quick Commerce Sales & Delivery Analytics Dashboard



- Performed **EDA and data cleaning** on a **500K+ record dataset** using Python (Pandas & NumPy); handled missing values, duplicates, and outliers to prepare analysis-ready data.
- Built a **3-page Power BI dashboard** with **15+ DAX measures** analyzing **\$347M+ revenue, 500K+ orders, delivery performance, and customer behavior** across cities and product categories.

AI – POWERED NIFTY 50 TRADING ASSISTANT



- Designed an AI-driven automated trading system using **LSTM and GRU models** with technical indicators, achieving **85% prediction accuracy** on NIFTY 50 stocks and reducing manual analysis by **40%**.
- Developed a real-time trading dashboard with Telegram integration, enabling instant alerts and live analytics and achieving a **35% faster response** to market signals.

Technical Skills

Programming Languages: Python, SQL

Data Visualisation & BI Tools: Power BI, Tableau

Data Analysis: EDA, ETL & ELT pipelines, Data Preprocessing, Statistical Analysis

Machine Learning: Supervised & Unsupervised Learning, Regression, Classification, Clustering.

Tools & Technologies: PySpark, Kafka, Snowflake

Soft Skills: Analytical Thinking, Data Storytelling,

Achievements

Paper Publication

Co-authored and presented a research paper, "AI-Powered Algo Trading System," at PCCDA 2026, an international conference held at Sejong University, South Korea.

Certificates

Cisco - Data Analytics

IBM - Python for Data Science

Scalar - DBMS

Scalar - Java

Scalar - MACHINE LEARNING