Shyam Kishore Chodisetti

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Professional Summary

Data Analyst with a strong foundation in SQL, Python, Power BI, and machine learning. Adept at transforming complex data into actionable business insights through effective data visualization and modeling. Skilled in database management, data cleaning, and real-time analytics. Passionate about solving real-world problems using data-driven strategies and optimized pipelines.

Education

B.Tech in Computer Science:- Dhanekula Institute of Engineering and Technology — CGPA: 7.43/10
Intermediate (10+2):- Sri Chaitanya Junior College, Vijayawada, Year of Completion: 2021 — Scored: 947/1000
SSC (10th Grade):- Akshara Nandana Vidyanikethan, Vijayawada, Year of Completion: 2019 — CGPA: 9.3/10

Technical Skills

Programming Languages: Python, SQL
Libraries & Frameworks: NumPy, Pandas, Matplotlib
Tools & Platforms: VS Code, LaTeX, VMware
Data Visualization: Power BI, MS Excel

Professional Experience

Azure Data Visualization using Power BI *Edubot (Jan 2025 – April 2025)*

- Developed 5+ dynamic dashboards from Azure SQL, visualizing 50K+ records and reducing reporting time by 40%.
- Streamlined data models using DAX and Power Query, cutting refresh times from 10 mins to 2 mins.
- Shared dashboards with 5+ teams, driving decisions and uncovering key operational gains.

Data Science Intern *Kapil IT Skill Hub (4 months)*

- Gained hands-on SQL expertise by writing complex queries, optimizing databases through indexing, CTEs, and joins.
- Built dashboards in Power BI using DAX, transforming raw data into actionable business insights.
- Performed EDA on 100K+ rows using Pandas, improving decision-making accuracy by 25%.

Projects

SQL Data Cleaning & Transformation Project ***Technologies used: (SQL, MySQL)***

- Cleaned and standardized 56K+ records of Nashville housing data using **SQL (joins, CTEs, string functions)** to fix missing values, inconsistent formats, and duplicate entries.
- Optimized data structure by splitting address columns (street/city/state) and converting Y/N to Yes/No, improving query efficiency by **30%**.
- Removed **5% duplicate rows** and deprecated unused columns, enhancing dataset reliability for downstream analysis.

Banking Data Analytics Project ***Technologies used: (MySQL, Pandas, EDA, Power BI)***

- Processed real-time transaction data from MySQL using Python, cutting processing time by 40% while boosting accuracy.
- Uncovered 20% high-value customer patterns through behavior analysis, enhancing banking solutions.
- Built interactive Power BI dashboards that raised stakeholder efficiency by 25% through KPI visualization.

Phishing Detection using Machine Learning ***Technologies used: (Machine Learning, HTML, CSS, Django, NoSQL)***

- Built machine learning models for phishing classification, improving detection accuracy and reducing false positives.
- Boosted detection accuracy by 22% using ensemble ML models (Random Forest, XGBoost) on 50K+ phishing samples.
- Created PostgreSQL database to store 100K+ URL features, enabling real-time model retuning with new threat data.

Certifications

- Python and C Certification – IIT Bombay
- Data Analytics Bootcamp – Alex the Analyst
- Data Analytics Foundation Essentials Certification – LinkedIn and Microsoft