Shyam Kishore Chodisetti

GitHub — LinkedIn
Portfolio

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Professional Summary

Data Analyst with a strong foundation in SQL, Python, Power BI,Excel and EDA. 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,Jupyter Notebook
Data Visualization: Power BI, MS Excel
Concepts: EDA, Data Cleaning, Dashboarding,ETL,Data Modeling,Query optimization,Pivot Tables,VLookup

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

Dynamic Pricing Optimization & Sales Analysis using SQL & Power BI ***Technologies used: (SQL,PowerBi,Excel)***

- Dynamic Pricing Engine: Built SQL-based pricing optimization system analyzing demand trends and automatically adjusting prices, driving **25% revenue increase** through data-driven strategies.
- Sales Analytics Dashboard: Designed interactive Power BI dashboard featuring real-time analytics, predictive insights, and automated ETL workflows to optimize pricing decisions.
- Cost Reduction: Reduced excess inventory costs by **15%** by implementing demand-based pricing adjustments powered by SQL queries and AI recommendations.

Banking Data Analytics Project ***Technologies used: (SQL, Pandas,JupyterNotebook,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 Foundation Essentials Certification – LinkedIn and Microsoft
- Data Analytics Bootcamp – Alex the Analyst