

Bandi Charishma

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LinkedIn | GitHub | Portfolio

Professional Summary

Entry-level **Data Analyst** with strong hands-on experience in **SQL, Power BI, Excel, Tableau, Python, and data visualization**. Skilled in building KPI dashboards, extracting business insights from complex datasets, performing exploratory data analysis, and automating reporting workflows. Experienced in translating raw data into actionable recommendations to support data-driven decision-making.

Technical Skills

Analytics Tools: SQL (Joins, GROUP BY, Window Functions, CTEs), Excel (Pivot Tables, VLOOKUP, XLOOKUP), Power BI (DAX, KPI Dashboards, Power Query), Tableau
Programming: Python (Pandas, NumPy), Java, R
Data Concepts: Data Cleaning, Data Modeling, KPI Tracking, Dashboarding, Reporting Automation, Business Insights
Computer Science: DBMS, Object-Oriented Programming, Operating Systems, Software Engineering

Personal Projects

Customer Segmentation Dashboard

Excel, Power Query, Pivot Tables | [Link](#)

- Built a customer segmentation dashboard by cleaning and transforming raw customer data using Power Query.
- Designed Pivot Table and visualization-based dashboards to analyze loyalty, income, and customer behavior.
- Identified high-value customer segments to support targeted marketing and retention strategies.

Financial Loan Analytics Dashboard with KPI Tracking

Power BI | [Link](#)

- Developed an interactive Power BI dashboard analyzing **38,000+ loan applications** and **\$435M in funding data**.
- Built dynamic KPIs for approvals, defaults, month-to-date performance, and month-over-month trend analysis.
- Identified **13.8% high-risk loan segments**, enabling data-driven risk assessment insights.

Ola Ride Data Analysis & Business Insights Dashboard

Power BI | [Link](#)

- Built an interactive operational dashboard analyzing **60,000+ ride bookings** and **16M revenue data**.
- Automated KPI monitoring for bookings, cancellations, customer ratings, and ride performance using slicers and filters.
- Improved reporting efficiency by replacing repetitive manual analysis with dynamic dashboards.

Academic Project

Financial Risk Analysis and Bankruptcy Prediction

Python, Machine Learning

Published in IEEE Xplore Digital Library | [Paper Link](#)

- Designed a hybrid predictive analytics model combining Genetic Algorithms (GA) and Neural Networks (NN).
- Implemented GA-based feature selection and hyperparameter optimization for nonlinear financial risk prediction.
- Proposed an AI-driven framework identifying financially distressed organizations and assisting in early risk mitigation.

Education

Gokaraju Rangaraju Institute of Engineering and Technology

2022 – 2026

B.Tech in Computer Science and Engineering

GPA: **8.9/10**

Sri Chaitanya Junior College

2020 – 2022

Intermediate

96.9%

Certifications

SQL (HackerRank) | Certificate

July 2025

Demonstrated proficiency in SQL by performing data querying, filtering, joins, and aggregations to analyze datasets and extract insights.

Data Analytics using Power BI (Newton School) | Certificate

March 2025

Built KPI dashboards, performed data visualization, and implemented DAX-based analytical reporting.

Data Analytics Essentials (Cisco Networking Academy) | Certificate

August 2025

Learned foundational data cleaning, interpretation, and visualization techniques.

Deloitte Data Analytics Job Simulation | Certificate

June 2025

Completed client-oriented analytics simulations and produced business-focused recommendations.

Additional Information

Soft Skills: Problem Solving, Communication, Creative Thinking, Self-Learning

Leadership / Activities: Volunteered in technical fests, contributing to team coordination and event execution.

Interests

Data Analytics, Business Intelligence, Dashboard Storytelling, Advanced Visualization, Real-world Data Projects