

Dilip Choudhary

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Professional Summary

Data Analyst specializing in Python, SQL, Power BI, and Tableau with a track record of delivering measurable business results. Increased data accuracy by **25%**, reduced manual processing time by **35%**, and uncovered **\$500K+** in revenue opportunities. Experienced in predictive modeling, ETL automation, KPI tracking, and advanced data visualization.

Technical Skills

Programming	Python (Pandas, NumPy, Matplotlib), SQL, Excel (Pivot Tables, Macros, VLOOKUP)
BI & Visualization	Tableau, Power BI
Data Science	Predictive Modeling, Regression, Classification, TensorFlow, A/B Testing
Data Management	ETL, Data Cleaning, Data Modeling, Warehousing

Professional Experience

Data Analytics Intern Tata Group (Virtual) — Jan 2025

- Performed EDA on **10,000+** financial records using Python and GenAI, identifying risk indicators that increased dataset reliability by **25%**.
- Built a no-code delinquency prediction system achieving **92% accuracy**, enabling managers to make faster credit decisions.
- Automated repetitive collection workflows using AI, reducing manual intervention by **35%** and cutting processing time from 2 hours to 1.3 hours.

Data Analysis Intern Deloitte (Virtual) — May 2025

- Designed interactive Tableau dashboards for **5,000+** forensic records, reducing reporting time by **45%**.
- Automated classification processes in Excel with VBA macros, improving segmentation efficiency by **30%**.
- Delivered insights that increased accuracy of forensic analytics by **20%**, improving fraud detection rates.

Projects

Predicting IPO Listing Gains (TensorFlow, Python)

- Developed a deep learning model using IPO metrics such as issue size and subscription levels, achieving **95% test accuracy**.
- Applied L2 regularization, improving model generalization (Train: 87%, Test: 81%).
- Conducted feature importance analysis to identify top 5 variables impacting IPO performance.

Sales Opportunity Analysis (Power BI, SQL)

- Analyzed **1,200+** sales transactions, uncovering **\$500K+** in untapped revenue potential.
- Discovered that **53%** of restaurant sales and **84%** of retail revenue came from high-value customers, enabling targeted marketing campaigns.
- Built dynamic Power BI dashboards with filters and KPIs, allowing real-time sales performance tracking.

E-Commerce Funnel Analysis (SQL, Excel)

- Wrote complex SQL queries to track customer journeys through marketing funnels across **50K+** sessions.
- Increased conversion rates by **12%** and reduced cart abandonment by **8%** via A/B testing insights.
- Recommended UX improvements that improved returning customer rate by **10%**.

Education

B.Tech in Computer Science & Engineering (Data Science) Garden City University, Bengaluru
— 2022 – 2026

Certifications

Cisco Data Analytics Essentials (2024) • Oracle SQL Certification (2024) • JPMorgan Excel Skills (2024)
• Cisco Python Programming (2024) • IBM Machine Learning with Python (2024) • Python Cisco (2023)