

Anirudh Mukund Kumar

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Computer engineering student and aspiring data analyst building around SQL, Python, Excel, Tableau, and Gen AI-assisted workflows. Focused on cleaning data, finding patterns, building dashboards, and applying AI to streamline tasks, aiming to turn raw data into clear, actionable business decisions.

PROJECTS

E-Commerce Sales & Delivery Intelligence Dashboard

Excel

- Built an interactive Excel dashboard for analyzing e-commerce sales performance, delivery metrics, and regional revenue trends.
- Processed data, built interactive filters (slicers), and tracked key KPIs such as \$35,258 revenue and 76% fast deliveries.
- Practiced executive-style reporting with clean, readable KPI design to facilitate faster business decisions.

Customer RFM Analysis

Python, Pandas, NumPy, Seaborn

- Executed customer segmentation using Python with Recency, Frequency, and Monetary (RFM) analysis to identify high-value and at-risk customer groups.
- Processed 23,000+ transactions from 1,000 customers, generating segments like Champions, Loyal Customers, and At-Risk using quantile-based scoring.
- Used Pareto analysis to demonstrate how a small group of customers drives disproportionate revenue, creating a marketing-friendly framework for retention.

Shopsphere E-Commerce Platform

Java, JSP, Servlets, MySQL

- Built a full-stack Java e-commerce application featuring user authentication, product catalogs, shopping carts, and order management.
- Demonstrated ability to connect frontend pages with backend systems that generate and manage real business data.

AI Image Generator

HTML, CSS, JavaScript, Putter.js

- Developed a browser-based AI image generator with prompt enhancement, local history saving, multiple model options, and export features.
- Showcased product thinking by focusing on AI usability, prompt refinement, and workflow integration without requiring user API keys.

Full-Stack Java Web Dev Journey

Core Java, JDBC, JSP

- Created a structured collection of Java web development projects ranging from Core Java to Jakarta EE, demonstrating backend understanding and consistent learning progress.

SKILLS

Analytics & AI

Python, SQL, Excel, Tableau, Generative AI workflows

Engineering

Java, HTML5, CSS3, JavaScript, MySQL

CERTIFICATIONS

- **Generative AI Essentials** - IBM Coursework
- **AI Applications with Python and Flask** - IBM Coursework