

ACADEMICS

Qualification	Institute	Board/University	%/CGPA	Year
PGP Data Science	Praxis Tech School		6.51 / 8	2025
MA in Economics	Jadavpur University	Jadavpur University	8.62 CGPA	2024
B.A in Economics	Jadavpur University	Jadavpur University	8.33 CGPA	2022
CLASS XII	Carmel High School	West Bengal Council of Higher Secondary Education (WBCHSE)	91.4 %	2019
CLASS X	Carmel High School	West Bengal Board of Secondary Education (WBBSE)	90.57 %	2017

PROJECTS

Uncovering U.S. Macroeconomic Dynamics: A VAR-Based Analysis of Causality and Economic Shocks , Student at Praxis Tech School Analyzed monthly U.S. macroeconomic data (Jan 1978-May 2025) using a VAR model to study interactions among consumption, production, money supply, and consumer sentiment. Applied Granger causality tests, Impulse Response Functions (IRF), and Forecast Error Variance Decomposition (FEVD) to identify causal links and quantify the impact of economic shocks. The analysis provides key insights into macroeconomic behavior and policy implications. Github Repository	<i>Tools Used:Python</i>
Customer Insights from Online Retail Data: RFM Analysis and Churn Prediction , Student at Praxis Tech School This project leverages an online retail dataset to extract actionable customer insights using both unsupervised and supervised learning techniques. RFM (Recency, Frequency, Monetary) analysis is applied to segment customers based on their purchase behavior, enabling targeted marketing strategies. Additionally, a customer churn prediction model is built using supervised learning to identify at-risk customers, supporting proactive retention efforts. Github repository	<i>Tools Used:Python</i>
Performance Analytics Dashboard for Retail Sales: A Sales, Customer & Outlet-Level Insight Tool using Power BI , Student at Praxis Tech School A comprehensive Power BI dashboard analyzing sales performance, customer satisfaction, and outlet-level metrics using structured data modeling, visual storytelling, and KPI-based insights. The dashboard aids business decision-making across departments, offering a dynamic view of product categories, outlet effectiveness, and inventory distribution. Github Repository	<i>Tools Used:PowerBI</i>

TECHNICAL SKILLS

Python
SQL
Tableau
MS Excel
PowerBI