SOMASRI PATRA

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SKILLS

My SQL, MS Excel (Pivot Table, VLOOKUP, Power Query, Conditional Formatting)

PROJECTS

Bike Sales Analysis   August 2025
Tools Used: **Excel, SQL**
- Conducted sales analysis using excel which reveals that 52% of majority buyers were males aged 35–64.
- Identified upward sales trend with peak revenue of $20.02M in 2015 and bikes contributing over $20M in overall profit
- Discovered that Road Bikes accounted for 54% of total bike sales and the U.S. generated the highest revenue ($27.9M)
- Recommended actionable strategies including targeted discounts for males (35–64), seasonal promotions in December, inventory optimization for water bottles, and regional supply focus in California, Washington and Oregon.

Railway Refund Insights Dashboard   September 2025
Tools Used: **Excel**
- Analysed 31,653 UK National Rail transaction records to identify refund patterns revealing only 4% resulted in refund requests, with technical issues as the leading cause.
- Tracked **month-on-month refund rate** changes—initial 12% decline, followed by a 21% improvement, and a later 12% drop—to evaluate refund trends.
- Identified three major routes contributing the highest share of technical issues–related refunds and proposed targeted interventions.
- Recommended that resolving technical issues on these routes could reduce overall refund requests by up to 26%.

EDUCATION

Calcutta University**,** Kolkata, West Bengal   2023- 2025
M.Sc Economics | CGPA 6.353
Specialization in Money and Finance, Labour Economics, Game Theory
Project: The Economic Fallout of Escalating Domestic Violence Against Women During Pandemic
- Conducted an in-depth analysis of NFHS-5 primary data using logit regression to evaluate the economic implications of IPV against women in India.
- Identified how the COVID-19 pandemic raised IPV through forced cohabitation, economic stress, unemployment, and revealed that employed women faced higher risks of IPV compared to unemployed women.

Maulana Azad College**,** Kolkata, West Bengal   2020- 2023
B.Sc Economics | CGPA 7.910

CERTIFICATES

The Complete SQL Bootcamp: Go from Zero to Hero | Udemy   Aug 2024