

Skills

- SQL (SQL Server, MySQL,)
- Python (Pandas, NumPy, matplotlib, Flet)
- Excel Skills: Pivot Tables, VLOOKUP, HLOOKUP, INDEX-MATCH, SUMIF, COUNTIF, IF, etc, Data
- Visualization, Charts, Conditional Formatting, Pivoting, Data Cleaning, etc
- R Programming(Basic analysis)
- Microsoft Power BI

Projects

LUNG CANCER ANALYSIS – university Project [[PROJECT LINK](#)]

NOVEMBER 2023

- Analyzed lung cancer patient data using **Python**, applying **pandas** for data cleaning and **matplotlib** for visualising patterns in demographics, cancer stages, and treatment outcomes.
- Built **machine learning models** using **scikit-learn** to predict survival rates and identify key risk factors, presenting findings through interactive pivot tables with visualisations.
- Summarized insights in a professional report, highlighting factors influencing patient outcomes.

BB ELECTRONICS SALES ANALYSIS – Personal Project [[PROJECT LINK](#)]

JUNE 2024

- Created a sales dashboard with **EXCEL** to help client compare between **two years** of store sales. Identified KPIs such as “monthly sales trends”, “top-performing products”, and “top sales cities” for strategic decision-making.
- Developed a **dynamic sales dashboard** to visualize total product counts, sales trends, and geographic performance, improving marketing and inventory strategies.
- Provided insights into revenue optimization and customer preferences for high-end electronics.

SUPERSTORE SALES ANALYSIS – Personal Project – [[PROJECT LINK](#)]

AUGUST 2024

- Developed an interactive sales dashboard in Power BI for analyzing Superstore’s four-year sales data, assisting client in identifying sales trends and product performance. Analyzed key metrics such as “sales by category”, “profitability by customer segment”, and “shipping mode impact” to drive strategic decision-making.
- Visualized seasonal trends and segment profitability, optimizing inventory planning and marketing strategies.
- Delivered actionable insights into consumer behavior, product demand, and peak sales periods to enhance revenue and operational efficiency.

WALMART SALES DATA ANALYSIS – Personal Project – [[PROJECT LINK](#)]

SEPTEMBER 2024

- Developed a comprehensive SQL database for Walmart sales, including data loading and transformation to enhance data accessibility.
- Executed advanced SQL queries for exploratory data analysis, generating insights into sales performance, customer behavior, and product trends. Implemented feature engineering techniques to categorize sales data by time of day and product performance, facilitating targeted business strategies.

Work Experience

DATA SCIENCE INTERN – CODSOFT – [[PROJECT LINK](#)]

MAY 2024 - JUNE 2024

- Constructed a machine learning model for predicting Titanic passenger survival, handling data preprocessing, feature engineering, and model evaluation for accuracy. Built a regression model for movie rating prediction, utilizing genre, director, and actor features to analyze key factors affecting ratings.
- Developed a classification model for detecting fraudulent credit card transactions, improving accuracy through data normalization and addressing class imbalance.

Education

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING – Centurion University of Technology and Management – Odisha, paralakhemundi

2021-2025