
SKILLS

Languages :	Python, SQL
Tools :	Power BI, Ms. Excel, Ms. Word, PowerPoint, MySQL Workbench, SQL Server Management Studio 20 , SIS (SQL Server Integration Service),Microsoft Azure
Frameworks :	Pandas, Numpy, Scikit-Learn , Matplotlib, Seaborn
Platforms :	PyCharm, Jupyter Notebook, Visual Studio Code
Soft Skills :	Report Building, People Management, Excellent Communication,Stakeholder management

PROJECTS

Credit Card Report Analysis | [Link](#)

March 2024 – March 2024

- Designed and implemented an interactive **dashboard** leveraging Transaction and Customer data from a SQL database, resulting in a 30% reduction in data retrieval time and **15%** improvement in reporting accuracy and improved **analytical** of credit card operations effectively.
- Optimized data **processing workflows**, increasing efficiency by 20%, to monitor **key performance metrics** and identify trends, leading to a 25% faster decision-making process.
- Shared actionable insights with **stakeholders** based on dashboard findings to support **decision-making processes**.

Supply Chain Analysis | [Link](#)

April 2024 – April 2024

- Led the development of an advanced **supply chain analysis solution**, emphasizing **data cleaning** and **manipulation** to ensure data integrity and accuracy across a dataset of **400,000 records**.
- Utilized **Python, pandas, matplotlib, and seaborn** for extensive exploratory **data analysis (EDA)**, extracting actionable insights crucial for optimizing supply chain operations.
- Enhanced customer targeting strategies **by analyzing demographic data** (geographical locations, occupations, gender, and age) from **50,000 customer records**, increasing engagement in retail and logistics sectors.
- Optimized sales planning by identifying top-selling product categories and individual products from a dataset of 200,000 sales records, achieving a **51% improvement in inventory management efficiency** and **customer satisfaction**.

Hospital Analytics and Insights | [Link](#)

May 2024 – May 2024

- Developed a comprehensive analysis of average patient wait times across multiple departments **by integrating and visualizing data** from various sources in **Power BI**, leading to actionable insights.
- Identified bottlenecks in patient flow** through detailed data analysis, which facilitated targeted interventions and resulted in a 20% reduction in **overall wait times**.
- Created **dynamic dashboards using power BI** that allowed stakeholders to filter data by periods, patient demographics, and department specifics, uncovering a 15% increase in emergency room visits during peak hours and informing strategic staffing adjustments.

Walmart Revenue and Product Line Analytics | [Link](#)

June 2024 – June 2024

- Analyzed sales data using SQL** from 45 **Walmart** stores to identify top-performing branches and products. Used this analysis to optimize sales **strategies**, resulting in a **15% increase** in overall revenue by focusing on high-performing areas and improving underperforming ones.
- Conducted a detailed product line analysis, examining **sales performance** to determine which lines were thriving and which were lagging. Applied these insights to enhance product line profitability by 20%, guiding inventory and promotional adjustments to boost sales.
- Engineered new data features such as time-of-day and day-of-week sales trends by creating **and integrating additional variables** into the dataset. This approach improved sales **forecasting accuracy by 20%**, enabling better inventory management and staffing decisions.

Sales Trend and Insights Dashboard | [Link](#)

July 2024 – July 2024

- Analyzed product sales and **profit margins** by category, leading to a 10% increase in overall profitability.
- Identified weekly sales trends to improve forecasting accuracy by 15% and enhance inventory management.
- Developed a sales dashboard in **Excel** to **visualize key metrics**, **aiding** in strategic decision-making and operational efficiency

EDUCATION

Raniganj Institute of Computer and Information Sciences
Bachelor's of Computer Application ; CGPA : 9.03

Raniganj , West Bengal
Aug 2019 – July 2022