

Skills

- Python (Pandas, NumPy, scikit-learn, Matplotlib)
- SQL (SQL Server, MySQL, PostgreSQL)
- Microsoft Power BI (Data Modeling, DAX, Data visualization, Query Editor, Report Creation)
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Jupyter Notebook, VS Code, Git & GitHub

Projects

EMPLOYEE ATTRITION ANALYSIS – Virtual Internship Project – WB, INDIA December 2023

- Developed comprehensive HR reports and dashboards in **Power BI**, emphasizing key metrics like retention, performance, and recruitment.
- Utilized **DAX** and Excel for meticulous data transformation, ensuring accuracy and completeness to drive insightful analysis.
- Applied advanced data visualization techniques and delivered actionable insights and strategic recommendations for continuous improvement in HR decision-making.

SALES PERFORMANCE ANALYSIS – Virtual Internship Project – WB, INDIA December 2023

- Proficiently conducted data cleaning and preprocessing using **MS Excel** for analysis.
- Created insightful visualizations through pivot tables, conditional formatting, and charts.
- Developed a responsive dashboard using charts to present comprehensive reports and insights.

DIABETES PREDICTION SYSTEM – Virtual Internship Project – WB, INDIA November 2023

- Utilized **Python (NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn)** to analyze a diabetes dataset and build a predictive model.
- Developed machine learning model in **Jupyter Notebook** and **VS Code** for diabetes prediction.
- Translated the model into a user-friendly web application using **Django** for visualization and interaction.

MUSIC STORE ANALYSIS – Personal Project – WB, INDIA September 2023

- Imported Excel music store data into **PostgreSQL** for analysis, showcasing expertise in data cleaning and preprocessing.
- Utilized advanced **SQL** techniques, including joins and CTEs, and performed diverse queries to derive insights and conduct comprehensive data analysis.

Internship

BUSINESS ANALYTICS INTERN – Coding Samurai – Remote, INDIA November 2023 - December 2023

- Executed impactful projects: Employee Attrition Analysis and Sales Performance Analysis.
- Developed HR reports and dashboards in **Power BI**, employing DAX and Excel for precise data transformation.
- Applied advanced data visualization for actionable insights in HR decision-making and conducted proficient data cleaning and preprocessing for Sales Performance Analysis using **MS Excel**.

DATA ANALYST INTERN – MeriSKILL – Remote, INDIA October 2023 - November 2023

- Accomplished two impactful projects as a Data Analyst Intern at MeriSKILL: Sales data analysis, Diabetes prediction.
- Leveraged Power BI for Sales Data Analysis, showcasing expertise in data cleaning, preprocessing, and visualization for responsive reports and dashboards.
- Applied **Python (NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn)** for the Diabetes Prediction System, developing machine learning models and translating them into a user-friendly web application using **Django**, demonstrating practical experience in application development for data visualization and interaction.

Education

MASTER OF COMPUTER APPLICATIONS – Maulana Abul Kalam Azad University of Technology – WB, INDIA June 2022

BACHELOR OF COMPUTER APPLICATIONS – Kazi Nazrul University – WB, INDIA June 2020