

DEBABRATA PALIT

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Highly motivated and detail-oriented Fresher Data Analyst with a strong foundation in data analysis, visualization, and reporting. Skilled in developing and implementing data collection systems, identifying business needs, and creating predictive models that improve forecasting accuracy.

SKILLS

Technical Skills: SQL (MySQL, MS SQL Server), Advanced Excel (VLOOKUP, Pivot Table, Conditional Formatting), Data Analysis, Data Cleaning, Business Intelligence, Power Query, Statistical Analysis, Data Modelling, Data Visualization, Data Manipulation.

Visualization Tools: Tableau, Power BI.

Programming Languages: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn).

EDUCATION

Bachelor of Science in Computer Science

2018-2021

University of Calcutta

WORK EXPERIENCE

KultureHire

Aug-Oct 2024

Data Analyst Intern

- Gain experience using various Tools like Excel, MySQL, Python, Power Query, Power Pivot etc.
- Explored the evolving career aspirations of Gen Z and how employers face unique challenges in attracting, retaining, and motivating this tech-savvy and socially conscious generation.
- Performed data preprocessing, including univariate and bivariate analysis, and feature engineering, thereby improving data quality and analysis accuracy by 80%.

PERSONAL PROJECTS

NFT Cryptopunks Sales Data

Oct 2023

- This project showcases the meaningful insights from NFT sales dataset that includes sales data with 19,920 records from 1st Jan 2018 to 31st Dec 2021 and over \$22 billion was spent.
- Developed a *MySQL* database to uncover trends, revealing sales volume during peak seasons and identifying the top transactions, contributing to a 25% increase in efficiency in analysing sales data.

HR Analytics Dashboard

Apr 2024

- Designed a user-friendly HR Analytics Dashboard in *Tableau* to track recruitment efficiency and on boarding metrics; this tool streamlined reporting processes, allowing for a 20% reduction in time spent on data analysis each month.
- It includes several key visualizations that provide a comprehensive overview of HR-related metrics, including employee turnover rate, headcount, and employee engagement levels.

Loan Repayment Assessment in Banking

Apr 2024

- Designed and implemented a *Machine Learning model* using *Python* to analyze banking data for loan repayment based on historical customer behaviours, where find out approx. 80% customers had repaid their loan.
- Utilized machine learning algorithms to predict loan repayment with 86.64% accuracy.

COURSES/CERTIFICATES

Data Science Bootcamp – KnowledgeHut Upgrad

Aug 2023 - Mar 2024

Microsoft Excel Pivot Table and Analysis Beginner to Pro – Udemy

Aug 2024