

Objective

Insight-driven **Data Analyst** with strong analytical and problem-solving skills, proficient in **SQL**, **Python**, **Excel**, and **Power BI**. Known for transforming complex data into clear, actionable insights and uncovering trends to drive strategic decisions and business innovation. Ready to harness **analytical skills** and **technical prowess** to fuel data-driven success in dynamic environments.

Experience

Data Science Intern - CodSoft

Jun 2024 | Present

Key Responsibilities: Developed regression models for movie rating predictions. Analyzed and forecasted sales to optimize ad strategies. Built classification models for detecting credit card fraud.
Tools: Python, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn.
Learnings: Enhanced skills in data preprocessing, feature engineering, and model evaluation. Gained proficiency in handling large datasets and addressing class imbalance. Improved project management and collaboration.

Data Analyst Intern - Technohacks Edutech

Apr 2024 | May 2024

Key Responsibilities: Data Cleaning and Preprocessing, Statistical Analysis, Data Visualization.
Tools: Python(Numpy, Pandas, Matplotlib, Seaborn).
Learnings: Hands-on experience in Data Manipulation, Analysis and Visualization.

Skills

Languages : **SQL | Python (NumPy | Pandas | Matplotlib | Plotly | Seaborn | ML/DL- Basics)**
Visualization : **Power BI | Excel | Jupyter Notebook**
Database : **MySQL**
Soft Skills : **Analytical thinking | Problem solving | Communication skills | Googling**
Core Skills : **Data Cleaning | Data Modelling | Statistical Analysis | Data Visualization | EDA**

Project Experience

Medical Data Analysis - [SQL] [GitHub Repo](#) | [LinkedIn](#)

Jun 2024

- Improved data cleanliness by updating the patient’s table, achieving a **20%** enhancement in dataset reliability.
- Executed **30+ complex queries** to analyze medical data and uncover key insights.
- Discovered formatting checks to ensure **data accuracy** and **removed null values** for robust dataset integrity.
- Applied **advanced table joins**, leading to the extraction of valuable insights and showcasing a deep understanding of database structures and relationships.

EV Motors Analysis - [Excel | Power BI] [GitHub Repo](#) | [LinkedIn](#)

May 2024

- Leveraged Excel to analyze over **150k+ data** points for electric vehicle (EV) analysis, addressing key business challenges.
- Employed **Power Query** to efficiently **transform** and **clean data** for insights generation.
- Utilized **advanced DAX** formulas multiple times to extract **valuable insights**.
- Developed **visualizations** and reports using Power BI, facilitating informed **decision-making**.
- Demonstrated expertise in data exploration, manipulation, and visualization to drive strategic initiatives in the EV sector.

IMDb Review Sentiment Analysis - [Python | ML | Sklearn | Tensorflow] [GitHub Repo](#) | [LinkedIn](#)

Jun 2024

- Built & trained a LSTM neural network with **89% accuracy** on IMDb reviews.
- Preprocessed and tokenized over **50,000+ reviews** with **100%** label consistency.
- Achieved 0.30 loss and 89% accuracy on test data, using 20% dropout for regularization.
- Deployed a Gradio-based **web app** with **95%** uptime for real-time sentiment analysis.

Certificate

- Data Science Professional - **Odin School** [\[Link\]](#)
- Data Analytics Internship - **Technohacks Edutech** [\[Link\]](#)
- Data Analytics and Data Visualization Job Simulation - **Forage** [\[Link\]](#)
- Artificial Intelligence Job Simulation - **Forage** [\[Link\]](#)
- SQL - **HackerRank** [\[Link\]](#)

Education & Training

- JK College, SKBU - Purulia, West Bengal, India
Bachelor of Science (Microbiology)
CGPA - 7.32

Sep 2021

- Odin School - Purulia, West Bengal, India
Data Science (Trainee)

Oct 2023 | Apr 2024