TANMAY DHAR

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Profile

Data Enthusiast pursuing an MBA in Business Analytics & Data Science, with expertise in data analysis, machine learning, and data visualization. Skilled in Python, SQL, Tableau, and Power BI, with a technical background in Electronics and Communication Engineering. Passionate about driving insights through data-driven solutions.

Professional Experience

1. Data Analyst Intern, StarApp Solution   Bengaluru, India

May 2025 – Oct 2025

- Performed EDA, hypothesis testing, machine learning model development and NLP sentiment analysis while building dashboards and analytical reports for sales, customer behavior, and AQI prediction projects.

2. Data Analyst Intern (Remote), Abhyaz-MTAB Technology Center

Jan 2024 - Mar 2024

- Collected, cleaned, and organized datasets for accuracy.
- Collaborated with sales and HR to visualize data and derive insights for growth.

3. Data Analyst Intern (Remote), Afame Technologies

Apr 2024 - Jun 2024

- Transformed raw data into actionable insights using Tableau dashboards.
- Supported sales and HR teams in identifying trends for decision-making.

4. Production Engineer, Landis Gyr Ltd   Kolkata, India

Oct 2019 - Apr 2023

- Supervised manufacturing processes, ensured product flow, and maintained equipment.

Education

MBA in Business Analytics & Data Science

Bengal Institute Of Business Studies | Aug 2024 – Present | PGPBA & DS - 86%

B.Tech in Electronics and Communication Engineering

Gargi Memorial Institute Of Technology | Aug 2020 - Jul 2023 | 82%

Diploma in Electronics & Tele-Communication Engineering

Jnnan Chandra Ghosh Polytechnic | Aug 2016 - Jul 2019 | 74%

Skills

- **Programming**: Python, SQL
- **Frameworks:** Pandas, Numpy, Matplotlib, Streamlit, Flask
- **Databases**: MySQL, PostgreSQL
- **Tools**: Tableau, Power BI, Excel, MS Office, Zoho Analytics, Zoho CRM
- **General**: Data Manipulation, Data Visualization, Machine Learning, Statistical Analysis, Natural Language Processing(NLP)

Certificates

- Full Stack Data Science Program | *Jul 2023 - Dec 2023*
- Machine Learning with Python - IIT Kanpur | *Dec 2024*

Projects

1. **Google Play Store App Review Analysis**
   - Analyzed app data for insights using Python (Google Colab).
   - Built Tableau dashboards to study user sentiments and feedback..

2. **Sales Data Analysis for Afama Technology**
   - Built Tableau dashboard to total sales, identifying sales trends over time, determining best-selling products, and creating visualizations to present the findings effectively.
3. **Hand Sign Language Detection**
   - A real-time American Sign Language (ASL) hand gesture detection system that uses your webcam to recognize signs (A–Z and 0–9) using **MediaPipe** for hand tracking and a **Random Forest Classifier** for gesture classification.
4. **Forecasting India's EV Future**
   - "Forecasting India's EV Future" is an in-depth study analyzing EV market growth, trends, and infrastructure in India from 2001–2024, using machine learning to forecast a market value rise from ₹1.5 lakh crore ($18B) in 2024 to ₹5 lakh crore ($60B) by 2030, with a 36% CAGR.
5. **Twitter Sentiment Analysis**
   - Built an NLP pipeline for text-based sentiment classification.
   - Performed tokenization, stopword removal, lemmatization, and TF-IDF feature engineering.
   - Evaluated models with accuracy, precision, and confusion matrix plots.
6. **India's Air Quality Index (AQI) Prediction**
   - Gathered and preprocessed AQI datasets with weather indicators.
   - Built regression-based predictive models and tuned parameters to improve accuracy.
   - Visualized prediction results with scatter plots and error comparison charts.