TANMAY DHAR

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Linkedin | GitHub |Portfolio

Profile

Data enthusiast pursuing an MBA in Business Analytics & Data Science with strong skills in Python, SQL, Tableau and Power BI. Experienced in data analysis, machine learning, KPI tracking and cross-functional coordination. Strong ownership, communication and structured thinking with the ability to support leadership through insights, reporting and end-to-end execution of strategic tasks.

Professional Experience

1. Data Analyst Intern, StarApp Solution   Bengaluru, India

May 2025 – Oct 2025

- Analyzed sales, customer behavior, and environmental datasets to identify patterns, trends, and key performance drivers.
- Performed EDA, hypothesis testing, and machine learning modeling to support data-driven insights across multiple projects
- Worked on sentiment analysis (NLP) and AQI prediction projects, translating technical results into business-friendly insights.

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

Jan 2024 - Mar 2024

- Collected, cleaned, and organized datasets to ensure data accuracy and consistency.
- Collaborated with sales and HR teams to visualize data and extract insights supporting growth and planning decisions.
- Assisted in preparing reports that simplified complex data for non-technical stakeholders.

3. Data Analyst Intern (Remote), Afame Technologies

Apr 2024 - Jun 2024

- Transformed raw sales data into actionable insights using Tableau dashboards.
- Identified sales trends, best-performing products, and time-based patterns.
- Supported decision-making for sales and HR teams through visual analytics and reporting.

4. Production Engineer, Landis Gyr Ltd   Kolkata, India

Oct 2019 - Apr 2023

- Led daily coordination between production, quality and supply-chain teams to ensure smooth operations and timely issue resolution.
- Managed manpower allocation, process planning and on-floor decision-making under pressure.
- Regularly reported process status, operational delays and performance metrics to senior management.
- Demonstrated end-to-end ownership of production processes, ensuring adherence to targets and operational KPIs.

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), KPI Tracking & Reporting, Leadership & Team Alignment, Operations Management, Business Communication & Presentation.

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 Google Play Store app metadata and reviews to identify factors affecting ratings and installs.
   - Performed EDA and sentiment analysis to uncover pricing, category, and review sentiment patterns.
   - Built Tableau dashboards to help prioritize feature improvements and app positioning strategies.

2. **Sales Data Analysis for Afama Technology**
   - Analyzed historical sales data to identify revenue trends, seasonality, and top-performing products.
   - Designed an interactive Tableau dashboard for sales tracking and management reporting.
   - Enabled data-driven decisions for inventory planning and sales strategy optimization.

3. **Hand Sign Language Detection**
   - Developed a real-time ASL hand gesture recognition system using MediaPipe for hand tracking and Random Forest for classification.
   - Trained the model to recognize A–Z and 0–9 gestures via webcam input.
   - Demonstrated how computer vision can be applied to accessibility-focused human–computer interaction.

4. **Forecasting India's EV Future**
   - Analyzed India's EV market data (2001–2024) to study growth trends, adoption patterns, and infrastructure readiness.
   - Built forecasting models to estimate market expansion up to 2030.
   - Predicted EV market growth from ₹1.5 lakh crore (2024) to ₹5 lakh crore by 2030, indicating 36% CAGR to support strategic investment decisions.

5. **Twitter Sentiment Analysis**
   - Built an end-to-end NLP pipeline to classify Twitter sentiments using TF-IDF and ML classifiers.
   - Applied preprocessing techniques including tokenization, lemmatization, and stopword removal.
   - Evaluated model performance using accuracy, precision, and confusion matrix to support brand sentiment monitoring.

6. **India's Air Quality Index (AQI) Prediction**
   - Collected and preprocessed AQI and weather datasets to analyze pollution patterns across regions.
   - Built and tuned regression models to predict AQI levels.
   - Visualized prediction errors and trends to assist in early warning and environmental decision-making.