SOBHIT TRIPATHI

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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst skilled in market research, data analysis, and business problem-solving. Proficient in Excel, ETL, Python and SQL with experience supporting client engagements through actionable insights,Strong communicator with a proven ability to collaborate with cross-functional teams and deliver solutions

EDUCATION

B-Tech in Machine Learning, AKTU   OCT 2021 - MAY 2025
B.S in Data Science, IIT Madras   Jan 2022 - Present

SKILLS

Tool	MS Excel, SQL, Python, Power BI
Research & Analysis	Market Research, Data Collection, Business Problem Analysis, Report Preparation
Professional Skills	Client Communication, Presentation Skills, Team Collaboration, Attention to Detail
Tools & Version Control	Git, Github, Google Sheets

PROFESSIONAL EXPERIENCE

Infotact PVT. LTD — Data Analyst Intern   Jan 2025 - March 2025

- Conducted data analysis on **150K+ transactions** by leveraging my skills in SQL & Python to support business decision-making and fraud pattern detection
- Designed and implemented **interactive Power BI dashboards to track fraud patterns**, improving early detection and business decision-making.
- Collaborated with teams to identify solutions, improving fraud detection **model efficiency by 15%**.

InternShip Studio — Machine Learning Intern   July 2024 - Aug 2024

- Designed **ETL pipelines** for transforming **15,000+ records** to improve YouTube ad view predictions.
- Conducted regression analysis, to improve data quality reducing errors by **20% and boosting predictive accuracy to enhance YouTube ad performance by 15%**.

ACADEMIC PROJECTS

Telecom's Customer Value Prediction   Github

- Designed **ETL workflows in python for 250k+ records**, ensuring data quality enabling advanced customer segmentation.
- Developed predictive models in Python (Random Forest) for Customer Lifetime Value (CLV) **forecasting with 90%+ accuracy, aiding in strategic decision-making.** and achieve test **RMSE of 134.83**

Stock Movement Analysis   Github

- Conducted web scraping using BeautifulSoup to extract **300K+ data points, integrated market trends** with sentiment analysis, and built a predictive model for stock market trend analysis.
- Applied **TextBlob for sentiment scoring**, enhancing stock trend predictions for data-driven investment insights. and **deployed the model on GitHub**, for further enhancements and collaboration

IPL Data Analysis

- Extracted and analyzed 200K+ IPL records (2008–2024) to identify match patterns and player performance.
- Designed interactive **dashboards in Power BI**, enabling real-time insights for users.

CERTIFICATIONS

- Data Analytics Virtual Internship — Deloitte
- Data Visualization for Business — Tata
- Python — HackerRank
- SQL — HackerRank