MOHAMMAD ADNAN

Data Scientist | Data Analyst

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PROFESSIONAL SUMMARY

Data Scientist & Data Analyst with hands-on experience in data analytics, machine learning, and business intelligence. Skilled in Python, SQL, Power BI, and NLP, with a track record of delivering high-impact solutions across customer analytics, sentiment analysis, and operations. Strong problem-solver with a proven ability to drive profitability, improve forecasting, and build accurate predictive models.

EXPERIENCE

Junior Data Analyst Intern

TVC Pvt. Ltd

📅 11/2024 - 04/2025   📍 Pune, India

TVC Pvt. Ltd is a corporate food catering company that manages canteen operations for employees across shared office buildings in Pune.

- **Boosted company profit by 10% in 4 months** through data analysis of sales, inventory, and supplier performance using 2023–2024 data.
- **Improved demand forecasting accuracy by up to 40%** via predictive modeling and trend analysis, optimizing meal plan and reducing wastage.
- **Streamlined inventory by eliminating low-performing SKUs** and refining procurement cycles, improving stock turnover and minimizing waste.

Web Developer Intern

BISJHINTUS

📅 05/2022 - 09/2022   📍 Manglūr, India

Bisjhintu's is an ed-tech startup focused on delivering concept-based digital learning experiences through an interactive LMS platform.

- **Boosted instructor onboarding efficiency by 20%** by collaborating with stakeholders to develop and test LMS features.
- **Built and deployed a centralized franchise instructor page**, enabling 5**+ educators** to manage and deliver content through the platform.
- Conducted **beta testing and reported 12+ usability issues**, which led to significant **performance improvements** and **system stability**.

PROJECTS

Loan Default Prediction using DNN - Lending Club 🔗

Developed and optimized deep neural network models in Python using SMOTE and hyperparameter tuning to predict loan defaults from imbalanced LendingClub data which performed better than traditional ML models.

- **Outcome**: Achieved **98.17% test accuracy and 0.98 F1-score**, significantly enhancing early risk detection for loan default prediction.

Customer Sentiment Analysis - British Airways 🔗

Web scraped and processed 1K+ verified customer reviews using Python (BeautifulSoup, NLTK, VADER) to evaluate public sentiment toward airline.

- **Outcome**: Identified that **60%+ reviews were negative**, revealing key service gaps in flight delays and customer support.

Customer Churn Prediction - Power Company 🔗

Performed churn analysis for PowerCo using Python, applying EDA, hypothesis testing, and predictive modeling; used SMOTE and Random Forest to address class imbalance and identify key churn drivers.

- **Outcome:** Achieved **97% F1-score** and **99% accuracy** in churn prediction, supporting data-driven **customer retention strategies**.

EDUCATION

MSc in Data Science and Business Analytics

De Montfort University Leicester

📅 10/2023 - 02/2025   📍 Leicester, United Kingdom

Bachelor of Engineering in Computer Science

NMAM Institute of Technology

📅 08/2019 - 08/2023   📍 Manglūr, India

SKILLS

Tools

SQL, Python, SAS, R, Power BI, Excel, Pandas, Numpy, Scikit-Learn, NLTK, Tensorflow

Technical Skills

Data Modeling, Data Analysis, Data Cleaning, Data Visualization, EDA, Feature Engineering, Machine Learning, Deep Learning, NLP

Soft Skills

Analytical Thinking, Problem Solving, Strategic Communication, Team Collaboration, Adaptability

CERTIFICATES

Cisco Certified Data Analyst

Cisco

Data Science and Business Analytics by SAS

SAS

Prompt Engineering

Dubai Future Foundation

Data Science Fundamentals

Cisco Networking Academy

OTHER INFORMATION

Nationality : Indian

Languages : English, Hindi, Urdu, Malayalam

UAE Driving License

UAE Golden Resident Visa

FIND ME ONLINE

🌐 https://adnan-bavas-portfolio.netlify.app

in https://www.linkedin.com/in/mohammad-adnan-mohiyaddin

⊙ https://github.com/ADNAN-BAVA