MEDLYNN M

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CAREER SUMMARY

Electrical and Electronics Engineering graduate pivoting into Data Science, with 1 year of technical field experience and recent hands-on internship in retail analytics. Seeking an entry-level Data Science or Analyst role to apply my analytical and modeling skills for impactful business solutions.

KEY SKILLS

Technical Skills	**SQL**, **Advanced MS Excel**, **Power BI**, **Tableau**, **Data Cleaning**, **Data Visualization**, **Exploratory Data Analysis (EDA)**, **Statistics**
	Python: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost, Scipy
	Supervised Learning:
	Classification (Logistic Regression, Random Forest, XGBoost, SVM, KNN)
	Regression (Linear, Ridge, Lasso, Decision Tree, XGBoost, Random Forest)
	Neural Networks (MLP)
	Ensemble Methods (Bagging, Boosting, Stacking)
	Model Tuning (GridSearchCV, RandomizedSearchCV)
	Unsupervised Learning:
	Clustering (K-Means, Hierarchical Clustering, DBSCAN)
	Dimensionality Reduction (PCA, t-SNE)
Soft Skills	Analytical Thinking, Problem Solving, Team Collaboration, Communication, Adaptability, Continuous Learning

PROFESSIONAL SUMMARY

Engineer - Operations   Jun 2024 – Oct 2024
Graduate Engineer Trainee   Sep 2023 – May 2024
Indus Towers

- Ensured 24/7 operational continuity by monitoring and maintaining power systems across **100+ mobile tower sites**.
- Diagnosed and resolved **95% of on-site technical faults within 4 hours**.
- Coordinated with cross-functional teams (maintenance, energy, and IT) to execute **weekly preventive checks**, system upgrades, and ensure regulatory compliance.
- Implemented structured escalation protocols, which improved fault resolution efficiency and reduced repeat issues by **15%**.

PROJECTS

AI-Driven Stockout Risk Prediction

- Built a classification model to predict High/Low stockout risk and reduce revenue loss.
- Applied EDA, feature engineering, VIF checks, SMOTE, and trained Logistic Regression, Random Forest, XGBoost.
- Achieved 94% test accuracy; improved inventory planning.
- **Tools:** Python (pandas, scikit-learn), SMOTE, Jupyter Notebook

Loan Default Prediction

- Predicted loan default likelihood using customer financial data.
- Cleaned data, applied SMOTE, trained Logistic Regression and Random Forest; evaluated with F1-score and ROC-AUC.
- **Tools:** Python (pandas, scikit-learn), Jupyter Notebook

E-Commerce Sales Analysis in Power BI
- Created Power BI report analyzing sales and profit trends across regions and categories.
- Designed visuals: KPI cards, filters, trend charts using Superstore dataset.
- **Tools:** Power BI, Excel

INTERNSHIP

Data Science Intern Jan 2025 – Apr 2025
Reliance Retail – Fashion and Lifestyle Segment

- Applied Python and SQL to analyze consumer trends and marketing KPIs using retail data.
- Supported marketing decisions with dashboards and insight reports.

COURSES & TRAINING

Google: Advanced Data Analytics [Coursera] (July 2025)

McKinsey.org: Forward Program (July 2025)

Microsoft: Microsoft Power BI Data Analyst [Coursera] (June 2025)

EDUCATION

Post Graduate Program in Data Science and Engineering Oct 2024 – May 2025
Great Lakes Institute of Management, Bangalore

Bachelor of Technology in Electrical and Electronics Engineering 2019 – 2023
APJ Abdul Kalam Technological University
TKM College of Engineering, Kerala

Higher Secondary Education 2017 – 2019
Directorate of Higher Secondary Education
Krist Raj Higher Secondary School, Kerala

Matriculation 2017
Central Board of Secondary Education
St. Jude Central School, Kerala

CO-CURRICULAR ACTIVITIES

Program Coordinator – Institute Innovation Council (Hestia '22, '23)

Documentation – College Photography Club, Tech Fests

Team Lead - Led 5-member capstone team for Stockout Risk Prediction project