

Anandhakrishnan M.R

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MSc graduated in Applied Artificial Intelligence & Data Science with hands-on experience in SQL, Power BI, Tableau, and Python for predictive modeling, dashboarding, and KPI tracking. Skilled in data wrangling, feature engineering, and visualization across domains including environment, healthcare, and logistics. Experienced in transforming raw datasets into actionable insights using SQL queries and interactive dashboards. Seeking a Data Analyst role to apply analytical and problem-solving skills toward data-driven business improvements.

SKILLS

Technical Skills: Python, R, SQL (MySQL, PostgreSQL), Tableau, Power BI, Excel **Business Analysis, Process Improvement, Root Cause Analysis, KPI Monitoring**

Machine Learning: Regression, Classification, Clustering, Time Series Forecasting, Feature Engineering, Model Evaluation

Libraries/Frameworks: Scikit-learn, TensorFlow, Keras, XGBoost, Pandas, NumPy, Matplotlib, Seaborn

Data Handling: EDA, Data Cleaning, Data Pipelines, Automation, API Integration, ETL

Data Analysis & Reporting: Data Extraction, Data Manipulation, KPI Tracking, Performance Analysis, Budget Monitoring, Financial Reporting, Data

Modelling, ELMS Data Handling

Cloud & Deployment: Streamlit

Business Support & Operations: SOP Documentation, Risk Assessment, Month-End Reconciliation, Process Improvement, Stakeholder Reporting, Continuous Service Improvement

Soft Skills: Problem Solving, Communication, Collaboration, Critical Thinking

WORK EXPERIENCE

VAPE SUPPLIER, Warehouse Associate, UK

May 2025 – Present

- Developing a Warehouse Management System using Python, SQL, and Streamlit focused on automating label printing, generating daily stock analysis reports, and forecasting inventory needs to support smoother warehouse operations.
- Ensured accurate order fulfillment by performing daily delivery checks and barcode scans, reducing shipment errors and supporting timely customer deliveries.
- Updated delivery records in Excel, streamlining shipment logging and supporting reliable warehouse operations.
- Picked and prepared products efficiently, meeting dispatch timelines and maintaining workflow accuracy.
- Assisted in identifying and resolving order discrepancies, minimizing processing errors and maintaining compliance with warehouse procedures.

BYJU'S Learning App Pvt Ltd, Senior Business Development Associate, India

Aug 2020 – Feb 2022

- Led a high-performing sales team of 8, consistently achieving set targets within a competitive business environment.
- Developed and maintained comprehensive Excel dashboards, effectively tracking key metrics such as lead conversion rates, customer engagement, and sales KPIs
- Supported the development of business cases and strategic reporting dashboards to guide management decisions in a fast-paced environment.
- Enhanced conversion strategies through the creation of data-driven sales reports and proposals.
- Fostered cross-functional collaboration, liaising between marketing and product teams, to deliver bespoke client solutions, contributing to an increase in customer satisfaction and retention.

Choice Communications(Amazon Fulfillment), Inventory Analyst, India

Sep 2018 – Jul 2020

- Analyzed and optimized inventory movement across multiple depots using SQL queries and Power BI dashboards, helping reduce overstock by 12% and improve inventory visibility.
- Developed and maintained **Excel dashboards** to track key metrics such as stock turnover, order accuracy, and delivery lead times.
- Conducted regular audits and reconciliations of inventory data against ERP/WMS systems, reducing discrepancies by 95%.
- Streamlined stock handling processes and generated SQL-based reports to support decision-making for redistribution and procurement planning.
- Collaborated with operations and warehouse teams to design visual data reports, improving communication and accuracy in daily logistics operations.

PROJECTS

Flood Risk Prediction & Geospatial Mapping System, Python, Streamlit, U-Net, Random Forest, Geospatial Analysis

- Processed **50,000+** structured records and 250+ satellite images, applying **U-Net segmentation** and **XGBoost classification** to boost prediction accuracy by 5–10%.
- Built an interactive Streamlit dashboard for real-time flood risk forecasting and scenario simulation, enabling proactive disaster response planning.

AI-Based Cardiovascular Disease Risk Prediction, Python, Tableau, Scikit-learn

- Developed ML models (Logistic Regression, Random Forest, KNN) on the UCI Cleveland dataset, using **SQL (MySQL)** to clean, standardize, and filter patient records before training, which helped achieve an F1-score of 0.89 and a recall of 91%.
- Built interactive Tableau and Power BI dashboards to visualize patient risk factors, model insights, and predictor impact for clinical decision support.

Cryptocurrency Trade Analyzer, LSTM, ARIMA, Streamlit

- Engineered and compared time-series forecasting models (**SARIMAX, Prophet, LSTM**) on 100,000+ cryptocurrency data points, reaching up to 95% accuracy.
- Deployed a Streamlit application to simulate buy/sell signals and analyze trading trends interactively.

Education Analytics Project, Python, Pandas, Matplotlib

- Analyzed 500+ student records with modular functions and 6+ visualizations, uncovering links between study habits, health, and academic performance.
- Delivered a CLI-based tool with data filtering, grouped summaries, and input validation for flexible academic analytics.

Tornado Safety Chatbot (UK Context), PyTorch, Tkinter, NLTK

- Built an NLP chatbot using a 3-layer PyTorch model trained on 1,000+ epochs, achieving accurate intent recognition across 30+ user intents.
- Designed a **Tkinter GUI** with 50+ predefined response flows, providing UK-specific tornado safety guidance.

EDUCATION AND CERTIFICATIONS

Solent University, MSc in Applied Artificial Intelligence and Data Science, Distinction

2024 – 2025

Mahatma Gandhi University, B.Tech in Electronics and Communication Engineering

2014 – 2018

Certifications: Google Data Analytics | Databases and SQL for Data Science with Python | Cisco CCNA | Cisco CCNP