

TONY RENOLD

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SUMMARY

Data Science professional skilled in Python, machine learning, leveraging data-driven insights and technical solutions to support business decisions experienced in designing AI solutions, predictive models, and scalable web applications.

EDUCATION

Master of Science in Data Science The American College, Madurai.	June 2024 - May 2026
Bachelor of Science in Computer Science The American College, Madurai.	June 2021 - April 2024

INTERNSHIP

Promoter - NGO - Anand Memorial Trust	Sept 2025 - Nov 2025
<ul style="list-style-type: none">Designed, developed, and deployed the organization's official website using HTML, CSS, JavaScript, and hosting platforms such as Hostinger.Led online awareness campaigns and digital promotions to increase visibility and reach.Managed basic SEO, social media integration, and hosting configurations for smooth performance.	
Data Science Intern - Dot Com Infoway - DCI	May 2025 - June 2025
<ul style="list-style-type: none">Preprocessed and analyzed structured datasets using Pandas and NumPy.Visualized insights using Seaborn and Matplotlib to support business decisions.Collaborated on classification and regression model development to predict outcomes.	

PROJECTS

Flora Chatbot – AI-Powered Conversational Assistant

- Developed an intelligent chatbot capable of answering queries and providing interactive responses using NLP.
- Integrated with a web interface and deployed via GitHub for real-time usage.
- Designed conversational logic and enhanced response accuracy using Gemini API.
- Tools: Python, Flask, HTML/CSS, JavaScript, Gemini API, GitHub

Oils & Fuels Analysis and Prediction

- Analyzed historical oil and fuel price data using Python. Developed forecasting models with ARIMA and applied Random Forest and Isolation Forest for anomaly detection, delivering actionable market insights.

Patient Details Dashboard – Power BI

- Developed an interactive dashboard to visualize patient demographics, admission trends, and KPIs using Power Query and DAX. Tools: Power BI, Power Query, DAX

CERTIFICATIONS

- Neo4j Certified professional
- TCSION - Master Data Management.
- UiPath - Automation Explorer Training
- UniAthena - Basics of Microsoft PowerBI
- LinkedIn - Generative AI
- MongoDB - Getting Started with MongoDB Atlas

LANGUAGES

- English
- Tamil