

AABITH.N

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Technical Skills

Languages and Databases: Python, HTML, CSS, SQLite

Visualization Tools: Matplotlib, Seaborn

Other Skills: Data Analysis, Customer Acquisition, Data Cleaning

Projects

Open Source Contribution

Book Data Collection Through Web Scraping (Data Analyst)

Data Analyst

- **Designed** a web scraping tool using **Python** and **BeautifulSoup** to streamline book data extraction.
- **Gathered and structured 1,000+ book records**, including **titles, prices, and stock availability** from multiple sources.
- **Ensured 98% accuracy in data extraction and validation**, maintaining structured consistency.
- **Optimized** the data pipeline, **automating** tasks and reducing **manual effort by 80%**.
- **Published** the dataset on Kaggle, earning **10+ downloads and 5+ upvotes**, fostering **open-source collaboration**..
- **Improved skills in data extraction, processing, and automation while promoting collaborative learning in data science.**

House Price Prediction (Naan Mudhalvan Initiative) (Data Analyst)

SCHEME : NAAN MUDHALVAN

Data Analyst

- **Refined 10,000+ property records**, addressing missing values and inconsistencies for improved accuracy.
- **Performed Exploratory Data Analysis (EDA)** on **20+ features**, unveiling critical market trends.
- **Transformed raw data into meaningful insights by applying feature engineering techniques**
- **Constructed a Linear Regression model**, achieving **75% accuracy** in price estimation.

Football Live Analysis (Analyst)

Analyst

- **Implemented YOLOv5**, training on **10,000+ annotated images**, reaching **85% detection accuracy**.
- **Examined 100+ football match videos**, evaluating player dynamics, formations, and tactical shifts.
- **Recognized 90%+ critical match events**, such as **passes, goals, and fouls**, with high precision..
- **Devised an AI-powered tracking system**, minimizing manual event tagging by **50%**.

Personal Project

Self Portfolio

- **Developed and customized a 100% responsive portfolio website** using **HTML and CSS**.
- **Highlighted and presented 5+ projects**, providing direct **GitHub repository access**..

Education

Dhirajlal Gandhi College of Technology (Nov 2021 – May 2025)

Bachelor of Artificial Intelligence and Data Science (7.5 CGPA) – Salem, Tamil Nadu

NOV 2021 – MAY 2025

Salem , TamilNadu