

# ADWAID P

[adwaidp23](#) | [adwaidp](#) | [adwaidp23.github.io](#) | [adwaidp08@gmail.com](#) | [8075801015](#)

## SUMMARY

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Aspiring Data Scientist with hands-on experience in machine learning, time series forecasting, and data analysis. Skilled in Python, SQL, and data visualization with the ability to build predictive models and extract actionable insights. Strong foundation in problem-solving, data-driven decision-making, and AI-based systems.

## EDUCATION

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Master of Computer Applications (MCA) <i>LEAD College (Autonomous), Palakkad</i>	2025 – Present
Bachelor of Computer Applications (BCA) <i>College of Applied Science, Calicut</i>	2021 – 2024
Higher Secondary Education <i>PVS Higher Secondary School</i>	2019 – 2021
Secondary School Education <i>Vedavyasa Vidyalayam School</i>	2018 – 2019

## PROJECTS

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### **Demand Forecasting System using Time Series AI**

*Data Science Project*

Developed an end-to-end demand forecasting system to predict future sales using time series modeling techniques. Implemented ARIMA and Prophet models to capture trends and seasonality, enabling data-driven inventory planning and forecasting.

- Conducted time series analysis to identify trends, seasonality, and anomalies
- Engineered lag features and rolling averages to enhance model performance
- Built and evaluated models using MAE and RMSE metrics
- Visualized forecasts and insights using Python libraries

### **AI-Powered IPL Auction Analysis & Price Prediction System**

*Data Science / Machine Learning Project*

Developed a machine learning-based system to analyze IPL auction data and predict player valuations. Identified pricing patterns and team strategies using historical data.

- Performed EDA to uncover player pricing trends and team spending patterns
- Engineered features for predictive modeling
- Built models to estimate player auction prices
- Visualized insights using Matplotlib and Seaborn

## BeatBuff – AI-Based Music Recommendation System

*Data Science / AI Project*

Built a music recommendation system that analyzes user preferences and audio features to deliver personalized song suggestions.

- Processed music datasets and extracted relevant features
- Implemented similarity-based recommendation algorithms
- Improved recommendation accuracy through model tuning

## Assent – Privacy-Focused Photo Sharing Web Application

*Academic Project*

Developed a privacy-focused web application enabling controlled photo sharing with identity-based access.

- Designed secure authentication and access control system
- Applied data-driven logic for identity-based content visibility

## CERTIFICATIONS

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### Python for Data Science, AI & Development

IBM

Key Skills: Python Programming, Data Analysis, APIs, AI Fundamentals

### Tools for Data Science

IBM

Key Skills: Jupyter Notebook, GitHub, Data Science Tools, Workflow

### Data Science Methodology

IBM

Key Skills: Problem Solving, Data Science Lifecycle, Model Building Approach

### What is Data Science?

IBM

Key Skills: Data Science Concepts, AI Overview, Real-world Applications

## SKILLS

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Programming Languages	Python, SQL, Java
Data Science	EDA, Data Cleaning, Feature Engineering, Data Preprocessing
Machine Learning	Regression, Classification, Model Evaluation, Time Series Forecasting
Data Visualization	Matplotlib, Seaborn, Power BI (Basics), Excel
Databases	MySQL, Relational Database Concepts
Tools & Platforms	Jupyter Notebook, Git, VS Code
Web Technologies	HTML, CSS, JavaScript, PHP
Soft Skills	Analytical Thinking, Problem Solving, Communication