

Dhinith Pragalyan M

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CAREER OBJECTIVE

A Data Enthusiast, transforms your raw data into the meaningful insights.A passionate learner in Cloud Computing,Artificial Intelligence and Data Analytics.A good Leader in critical decision making and logical solving.

WORK EXPERIENCE

Data Analytics • Internship
TANSAM, Chennai

Mar 2025 - Apr 2025

Completed through TANSAM, focused on analyzing datasets using Power BI and generating dashboards.

Data Analytics • Internship
TANSAM, Chennai

Mar 2025 - Apr 2025

Description:
This project involved analyzing a dataset of bike sales to uncover key trends and insights that help in understanding customer behavior and business performance. The objective was to derive actionable insights from the data using exploratory data analysis (EDA) techniques and visualize the results effectively.

- Key Contributions:
- Cleaned and preprocessed raw bike sales data for accurate analysis.
 - Performed EDA to identify patterns in customer demographics (age, gender, income).
 - Analyzed the impact of factors such as marital status, education, and commute distance on bike purchases.
 - Created visualizations like bar plots, histograms, pie charts, and scatter plots to communicate insights.
 - Summarized findings to suggest strategies for boosting bike sales across various customer segments.

Outcome:
Successfully provided data-driven insights that can help marketing and sales teams to better target potential customers and improve conversion rates.

EDUCATION

Bachelor of Engineering (B.E), Computer Science & Engineering
Panimalar Engineering College

2024 - 2028

B.E, Computer Science & Engineering
Panimalar Engineering College

2024 - 2028

CGPA: 8.89/10

Senior Secondary (XII), CBSE
AKT MEM Vidya Saaket School

2024

Percentage: 87.00%

Secondary (X), CBSE
AKT MEM Vidya Saaket School

2022

Percentage: 85.40%

TRAININGS / CERTIFICATIONS

Machine Learning

Aug 2025 - Oct 2025

IISPR, Virtual

Gained hands-on experience implementing machine learning algorithms using python libraries like Numpy,Pandas,ScikitLearn and matplotlib.Developed and evaluated models for supervised tasks and unsupervised learning including data preprocessing, feature engineering and performance metrics like accuracy,confusion matrix, and RMSE.Contributed to real World projects such as predictive modelling and data visualization,enhancing skills in model optimization,overfitting prevention,and deploying solutions for practical applicaations

Data Analysis

Mar 2025 - Apr 2025

TANSAM, Chennai

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PORTFOLIO

[GitHub link ↗](#)

[Portfolio link ↗](#)

PROJECTS

[SUPER MARKET SALES ANALYSIS ↗](#)

Feb 2026

Retail Analytics Engine | Python, Seaborn, Pandas "Engineered a data-driven analysis of supermarket transactions to optimize inventory turnover. Implemented automated data cleaning and multi-dimensional visualizations to pinpoint a 15% discrepancy between customer ratings and actual sales volume."

[GDP DASHBOARD ↗](#)

Aug 2025 - Sep 2025

"An interactive data analytics dashboard built with Python and Streamlit to visualize global GDP trends. Features dynamic Plotly visualizations, multi-country comparisons, and automated data cleaning pipelines to provide a seamless UX for economic research."

[Bike Sales data analysis ↗](#)

Mar 2025 - Apr 2025

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[PORTFOLIO ↗](#)

Jan 2026 - Feb 2026

[AutoFile Organizer ↗](#)

May 2025 - Jun 2025

Description:

This project is a desktop-based utility tool designed to automatically organize files in a selected folder based on their file types (e.g., images, documents, videos). The application features a user-friendly graphical interface and a progress bar to indicate sorting progress in real-time.

Outcome:

The project improves desktop productivity by decluttering folders with a single click. It serves as a foundation for future upgrades like drag-and-drop support, file filtering, or report export to Excel/PDF.

SKILLS

- HTML
- MySQL
- Pandas
- MS-Excel
- Amazon EC2
- Python
- Power BI
- Data Analytics
- Node.js
- Amazon S3
- C Programming
- CSS3
- CSS
- React

ADDITIONAL DETAILS

- Paper Presentation: 1.Maths Club- Panimalar Engineering College 2.International Conference-Smart Traffic System Workshops
Attended: 1. SIMATS-Artificial Intelligence Workshop 2. MSJACE-Design Thinking Workshop