

ADARSH P

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Education

A. P. J. Abdul Kalam Technological University

Master Of Computer Applications, CGPA: 8.98

August 2023 – May 2025

Kerala, India

University of Kerala

Bachelor of Science in Mathematics, CGPA: 7.17

July 2019 – May 2022

Kerala, India

Experience

Serve Techno Research

January 2025 – June 2025

Data Science Intern

Kerala, India

- Processed, cleaned, and transformed large datasets using Python (Pandas, NumPy) to ensure high data quality, consistency, and readiness for analysis.
- Performed comprehensive exploratory data analysis (EDA) and developed insightful visualizations using Matplotlib and Seaborn to identify trends, distributions, and hidden patterns.
- Built, trained, and evaluated machine learning models with Scikit-learn to derive meaningful predictions and actionable insights.
- Automated data preprocessing, feature engineering, and report generation workflows, significantly reducing manual effort and improving operational efficiency.
- Presented analytical findings through well-structured visual dashboards and concise summaries to support informed, data-driven decision-making.

Projects

IPL Cricket Performance Analytics (2008–2025) | Power BI, DAX, Power Query

December 2025

- Built a comprehensive analytical solution using 17 seasons of IPL match, team, and player data to generate performance-driven insights.
- Structured and transformed raw cricket datasets through Power Query by resolving inconsistencies, normalizing fields, and integrating multiple relational tables.
- Designed a robust data model with optimized relationships to enable accurate season-wise, team-wise, and player-wise evaluations.
- Created advanced DAX measures and calculated columns to compute KPIs including total runs, wickets, centuries, boundaries, MVP awards, and win percentages.
- Developed interactive dashboards incorporating dynamic slicers, drillthrough pages, custom tooltips, and bookmark-based navigation for intuitive analysis.
- Applied professional visualization principles to deliver high-impact reports supporting trend analysis, comparative insights, and data-driven decision making.

Fast-Food Nutrition Analysis | Python, Pandas, NumPy, EDA, Seaborn, Matplotlib

November 2025

- Executed a comprehensive exploratory analysis on a multi-brand fast-food nutrition dataset to examine trends across calories, fat, sodium, sugars, carbohydrates, protein, and fiber.
- Processed and standardized raw nutrition records by addressing missing values, correcting data types, eliminating duplicates, and deriving features such as food category labels and nutrient-based classifications.
- Conducted univariate, bivariate, and multivariate evaluations to uncover distribution patterns, inter-variable relationships, and brand-level nutritional variations.
- Discovered critical insights including high sodium and sugar anomalies, calorie-dense food groups, strong nutrient correlations, and significant differences across fast-food chains.
- Presented data-driven findings through structured EDA documentation and clear visual summaries to support nutritional awareness and informed menu design decisions.

Technical Skills

- Programming Languages:** Python, SQL, HTML, CSS, JavaScript
- Databases:** MySQL, MongoDB
- Frameworks:** Django
- Data Analytics & BI:** Excel, Power BI, Tableau
- Developer Tools:** VS Code, PyCharm, Git, Anaconda, Jupyter Notebook
- Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Strategic Communication, Time Management

Certifications

Certification in Data Analytics December 2025

Illinois Institute of Technology

- Completed a structured certification program covering data analysis, data visualization, statistics, and Python-based analytical workflows.

Certification in Data Analytics December 2025

Entri Elevate – National Skill Development Corporation (NSDC)

- Developed hands-on proficiency in Excel, SQL, Power BI, Python, and end-to-end data analysis workflows through industry-aligned training.

Python and Django Development July 2025

AVODHA

- Acquired practical knowledge of Python programming, Django framework, and web application development fundamentals.

Database Management Systems March 2024

NPTEL

- Completed an in-depth course covering relational database concepts, normalization, ER modeling, SQL querying, and transaction management.