

# ADARSH P

Kollam, Kerala, India

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## Professional Summary

Data Analyst with strong experience in transforming raw data into actionable business insights through advanced data analysis, visualization, and reporting. Proficient in SQL, Excel, Python, and Power BI for data cleaning, exploratory data analysis, KPI tracking, and dashboard development. Experienced in collaborating with stakeholders to gather business requirements, translate them into analytical solutions, and support data-driven decision-making in fast-paced environments. Skilled in identifying trends, patterns, and anomalies to improve operational efficiency and business performance. Passionate about bridging the gap between data and business by combining analytical thinking with a Business Analyst mindset to deliver scalable, insight-driven solutions.

## Skills Summary

**Programming Languages:** Python, SQL, HTML, CSS, JavaScript

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, BeautifulSoup, PySpark

**Frameworks:** Django

**Databases:** MySQL, MongoDB

**Data Analytics & BI:** Excel, Power BI, Power Query, DAX, Tableau

**Developer Tools:** Anaconda, Jupyter Notebook, VS Code, PyCharm, Git

**Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Strategic Communication, Time Management

## Projects

### IPL Cricket Performance Analytics (2008–2025) | *Power BI, DAX, Power Query* | [GitHub](#)

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* | [GitHub](#)

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.
- Translated analytical insights into actionable recommendations to support data-driven decision-making for nutrition optimization and menu planning.

## Experience

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### Data Science intern

*Serve Techno Research*

**January 2025 – June 2025**

*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.

## Education

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### Master Of Computer Applications, CGPA: 8.98

*A. P. J. Abdul Kalam Technological University*

**August 2023 – May 2025**

*Kerala, India*

### Bachelor of Science in Mathematics, CGPA: 7.17

*University of Kerala*

**July 2019 – May 2022**

*Kerala, India*

## Certifications

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### Certification in Data Analytics

*Illinois Institute of Technology*

**December 2025**

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

### Certification in Data Analytics

*Entri Elevate – National Skill Development Corporation (NSDC)*

**December 2025**

- 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

*AVODHA*

**July 2025**

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

### Database Management Systems

*NPTEL*

**March 2024**

- Gained in-depth knowledge of relational database concepts, normalization, ER modeling, SQL querying, and transaction management.