

# MOWNESH S

Data Analyst

📍 Palakkad, Kerala

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🔗 LinkedIn | 📄 GitHub | 📁 Portfolio

## PROFESSIONAL SUMMARY

Data Analyst fresher with expertise in SQL, Python (Pandas, NumPy, Scikit-Learn), and Power BI. Skilled in data wrangling, exploratory data analysis (EDA), and business intelligence to drive data-driven decisions. Passionate about transforming raw data into actionable insights and applying machine learning techniques to solve real-world problems. Seeking an entry-level data analyst role to contribute analytical skills and support business growth

## PROJECTS

### Exploratory Data Analysis (EDA) on Used Cars Dataset

- Analyzed 10,000+ used car listings, identifying key pricing trends and market patterns.
- Cleaned all missing values and detected 5+ data inconsistencies, improving dataset reliability.
- Visualized insights with 10+ plots (heatmaps, box plots, histograms), highlighting key price influencers
- Conducted correlation analysis to determine the impact of mileage, brand, and year on car prices.

### Walmart Sales Data Analysis using PostgreSQL

- Processed 1,000+ sales transactions in PostgreSQL, identifying top-selling product categories.
- Optimized SQL queries for branch-wise performance, increasing sales reporting efficiency by 40%.
- Discovered peak sales hours, helping improve inventory management and staffing efficiency.

### IPL Dashboard - Power BI

- Designed an interactive Power BI dashboard analyzing 1,095 IPL matches, covering 8+ teams.
- Created 10+ dynamic visualizations, tracking team performance, win/loss ratios, and toss decisions.
- Improved data exploration by 30% with interactive filters for season, match type, and team selection.
- Integrated a geospatial map to visualize match locations and assess home advantage trends.

## SOFT SKILLS

| Problem-Solving | Communication | Collaboration | Adaptability |  
| Time Management | Analytical Thinking | Data Storytelling |

## EDUCATION

### B Com Computer Application

Sri Krishna Adithya college of Arts and Science | 2021-2024

## CERTIFICATIONS & TRAINING

### Data science with Data Analytics and Artificial Intelligence

Peopleclick Learning Coimbatore |  
06/2024 - 01/2025

## TECHNICAL SKILLS

- Python : (Pandas, NumPy, Matplotlib, Seaborn)
- Database & SQL : MySQL, PostgreSQL, SQL Queries (Joins, Window Functions, CTEs)
- Power BI : (Dashboarding, DAX)
- Data Cleaning & Wrangling, Feature Engineering
- Exploratory Data Analysis (EDA)
- Excel & Spreadsheets: Pivot Tables, VLOOKUP, Data Validation
- Machine Learning (Regression, Classification, Model Evaluation, Hyperparameter Tuning)

## LANGUAGES

- English
- Tamil
- Malayalam (Basic)
- Kannada (Basic)