

# KAVIN S

## DATA ANALYST

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As a recent graduate with a strong foundation in data analysis and a passion for uncovering insights, my goal is to apply my analytical abilities to drive data-driven decision-making and contribute to the organization's growth.

### SKILLS

**Languages:** Python • SQL

**Analytical Tools:** Excel • Power BI • Tableau

**Databases:** MYSQL

### EXPERIENCE

**Accent Techno Soft** | Project Intern

**September 2023**

- Worked with data and algorithms to generate actionable insights.
- Analyzed data, examined algorithms and transformed raw information into useful insights.
- Developed a machine learning model to distinguish between submarine rocks and underwater mines using sonar signal data, enhancing naval safety and operational efficiency by accurately identifying potential hazards.

### PROJECTS

**Adventure-Works Dashboard** | Power BI • Dashboard Building & Storytelling

**August 2024**

[\[GitHub link\]](#)

- Built a Power BI Dashboard to track KPIs (sales, revenue, profit, returns), compare regional performance, analyze product-level trends and identify high-value customers.
- Connected and transformed raw data using Power Query Editor. Built a relational data model. Created calculated columns and measures with Advanced DAX . Designed an interactive dashboard to visualize the data.

**Credit Card Transaction** | SQL • Data Analysis & Transformation

**July 2024**

[\[GitHub link\]](#)

- Utilized advanced SQL techniques to extract, transform and load (ETL) data from various sources, ensuring data integrity and consistency.
- Conducted in-depth data analysis to identify spending patterns, high-risk transactions using common table expressions (CTE), aggregate functions and window functions.

**Intelligent Traffic System** | Python • Deep Learning • Spyder

**June 2024**

- Proposed a smart traffic management system employing YOLO and Alex net to accurately detect and track moving objects, analyze traffic flow and recognize traffic signs.
- Implemented a video-based traffic estimation system where signal timings are updated based on vehicle counting.
- Developed a user-friendly interface for real-time traffic monitoring, allowing easy visualization and management of traffic data.

### CERTIFICATIONS

- Data Analytics and Visualization Job Simulation | Accenture | [\[Link\]](#)
- Data Science with Analytics and AI | Besant Technologies
- Python for Data Science, AI and Development | IBM | [\[Link\]](#)

**August 2024**

**October 2024**

**March 2024**

### EDUCATION

**Mahendra Engineering College, Tamil Nadu**

**2020 - 2024**

B. Tech | Artificial Intelligence and Data Science | CGPA: 8.38

**SRV Boys Higher Secondary School, Tamil Nadu**

**2019 - 2020**

12<sup>th</sup> | Computer Science | Percentage: 73%