

# SARAN K

## Aspiring Data Scientist

 [Portfolio](#)

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 [Github](#)

 [LinkedIn](#)

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## ABOUT ME

Electrical Engineering graduate transitioning into Data Science with a strong analytical and technical foundation. Skilled in Python, SQL, and data analysis with growing expertise in visualization and machine learning. Passionate about leveraging data-driven insights to solve real-world problems. Committed to continuous learning and hands-on project experience in analytics and data science.

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## EDUCATION

### Government college of engineering, Dharmapuri

2021 - 2025

- BE electrical and electronics engineering

CGPA : 7.4

### School Education

12<sup>th</sup> & 10<sup>th</sup>

- Sree Vetri Vikas Matric Hr. Sec School, Molayanur
- Kamalam International School, Dharmapuri

2021

2019

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## PROJECTS

### Client Query Management System

[Github](#)

Developed a Client Query Management System using Python, Streamlit, Pandas, and MySQL with features like user login, role-based access, and an interactive dashboard to track client queries. Improved skills in data handling, web app development, and database management.

### Data-Driven Stock Analysis

[Github](#)

Built an end-to-end stock analytics platform using Streamlit, Pandas, MySQL, and Matplotlib to ingest YAML-based market data, store it in MySQL, and generate CSV exports. Implemented multi-module analytics including volatility, cumulative returns, sector-wise performance, correlation analysis, and monthly gainers/losers through an interactive dashboard.

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## SKILLS

- **Languages** : Python , SQL .
- **Databases** : MySQL , Postgresql .
- **Frontend** : HTML, CSS .
- **Libraries & Frameworks** : Pandas , Numpy , Matplotlib , Seaborn , Streamlit .
- **Tools** : Git , VS Code , Firebase .
- **Visualization Tools** : Powerbi , Tableau , Excel .
- **Technical Profiles** : Portfolio , Codekata , HackerRank .