

# SAHANA.S

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IN : [LinkedIn](#)

## PROFILE

Enthusiastic Computer Science Engineering student skilled in Python, SQL, and Power BI with hands-on experience in data analytics, machine learning, and visualization projects. Adept at building predictive models and interactive dashboards to derive insights and support decision-making.

## EDUCATION

### **DAYANANDA SAGAR UNIVERSITY**

B-TECH (Computer Science Engineering)  
Current CGPA-7.49

Bengaluru, India  
2022-2026

### **ST.FRANCIS COLLEGE**

PCMB-81.3%

Bengaluru, India  
2020-2022

### **ST MARY'S HIGH SCHOOL**

State Board -94.4%

Bengaluru, India  
2009-2020

## SKILLS

- **Technical:**

Python, Data Visualization, Data Analytics, ML, HTML, CSS

- **Tools and Technologies:**

Microsoft Power BI, Flutter, Jupyter Notebook, Microsoft Excel

- **Languages**

C, Java, Python

## PROJECTS

### **1) Ship Fuel Emission Analysis and Prediction**

- Conducted exploratory data analysis on ship fuel dataset to uncover key patterns and insights.
- Performed univariate and bivariate analyses using Matplotlib and Seaborn for effective data visualization.
- Generated insights supporting fuel-saving strategies, regulatory compliance, and sustainable shipping practices.
- Developed a predictive model using Machine Learning algorithms to forecast emissions, aiding future policy-making for reducing environmental impact in global shipping operations.

### **2) Power BI Dashboard for Amazon Prime Video Analytic**

- Created an interactive Power BI dashboard analyzing Amazon Prime Video shows.
- Performed data cleaning and applied DAX calculations for accurate analysis.
- Designed visual storytelling elements to highlight trends in genres, ratings, and release years.
- Delivered actionable insights to support content strategy and audience engagement analysis.

## CERTIFICATIONS

Microsoft Power BI

Infosys Springboard

[Link](#)

Data Analysis with Python

Cognitive Class, IBM

[Link](#)