

SAI YOOGESWARAN D

Data Analyst

WORK HISTORY

Digitso Futurewise

Data Analyst 04/2024 – 11/2024

- Created prototypes based upon design ideas using programming languages like **Python**.
- Utilized **Power BI** for visualization over the data provided.
- Initiated proof-of-concept development of a Plant GPT model using LLMs to simulate equipment failure from sensor data. The project discontinued due to feasibility constraints

Evolve Robot Lab

Data Analyst Trainee 02/2024 – 03/2024

- Learned **MySQL basics** and practiced simple data queries using real-world examples.
- Acquired introduction into **neural networks**.
- Designed a platform where users could **upload PDF files and query their content**, leveraging **large language models** (LLMs) for intelligent, context-aware responses.

System Tron

AI/ML Internship 12/2023 – 01/2024

- Built machine learning models for diabetes prediction and car price estimation **using Linear Regression**.
- Developed models for breast cancer classification to classify whether the tumour is of Malignancy or Benignity using **Logistic Regression**.

PROJECTS

Amazon Dataset Analysis – Excel Project 06/2025

Performed data cleansing and transformation using Power Query. Analysed delivery patterns by vehicle type, product category performance, and weather impact on logistics. Built dynamic pivot tables for month-wise sales trends, top category analysis, and traffic-delivery correlation.

Plant GPT 04/2024 – 11/2024

I'm involved in the 'Plant GPT' project to improve factory processes by fine-tuning the Llama3 model. Specifically, I'm working on real-time equipment failure prediction and production line sensor data analysis to enhance efficiency and productivity.

Sales Insight Dashboard 02/2024

The dashboard provides insights into the company's sales performance, allowing the sales director to understand the and identify any. business's status challenges

Breast Cancer Prediction 1/2024

I have developed a machine learning model capable of predicting the malignancy or benignity of tumours based on specific features such as radius, texture, and perimeter, etc. The model uses Logistic Regression technique.

CONTACT

- Chennai, India
- +91 7358553694
- dsaiyoogeswaran13@gmail.com
- [linkedin.com/contact/saiyoogeswaran](https://www.linkedin.com/contact/saiyoogeswaran)
- github.com/Saiyoogeswaran

SKILLS

Technical skills:

- Python for Data analysis
- Skilled in Python programming
- Power BI data visualization
- Applied machine learning
- Excel data analysis
- Database querying using SQL
- Alteryx - Beginner

Soft skills:

- Quick Learner
- Good Communicator
- Time Management
- Leadership
- Analytical skills
- Team Player

EDUCATION

St. Joseph's College of Engineering

Electronics and Communication

Chennai, India – 05/2024

- CGPA: 9.55
- Additional Training: **BEC Vantage Certification**, enhancing English communication for professional purposes.

OTHER

- Learn Data Analysis with Pandas Federico **Azzurro** – Udemy
- Data Analytics and Visualization Job Simulation Forage - Accenture
- Excel Essential Training NASBA
- SQL Essential Training LinkedIn Learning
- Carrer Edge - Young Professional TCS **iON**
- Business English Certificate Vantage Cambridge English