SAMEER

DATA SCIENTIST
Web Portfolio

CONTACT

- +91 9884917541
- peaceshifter@gmail.com
- Medavakkam,chennai
- Linked In

EDUCATION

2022 - 2025
BHARATH UNIVERSITY

- Bachelor of science (Biotechnology)

SKILLS

- Data Analysis & Visualization
- Machine Learning Algorithms
- Python Programming
- Model Evaluation & Optimization
- Data Preprocessing & Feature Engineering
- Web App Development with Streamlit
- HTML, CSS & JavaScript (Frontend Basics)
- PHP & WordPress Development
- Version Control with Git & GitHub
- Database Management (MySQL basics)
- Statistical Analysis & Hypothesis
- Soft Skills: Communication, Teamwork.

LANGUAGES

- Tamil: Native
- English: Fluent
- Japanese: Basics

PROFILE SUMMARY

Data Science enthusiast with practical experience as a Data Science Intern at Gradtwin. Skilled in Python, Pandas, Scikit-learn, and Streamlit, with completed projects on diabetes prediction and model comparison using real and custom datasets. Strong foundation in machine learning, data preprocessing, and visualization, with a focus on building impactful, user-friendly ML solutions.

WORK EXPERIENCE

Gradtwin   2025MAR-2025JUL
Data science Intern

- Assisted in building and evaluating machine learning models for predictive analytics tasks such as disease prediction and classification.
- Performed data preprocessing, feature engineering, and model training using Python, Pandas, NumPy, and Scikit-learn.
- Worked with real-world healthcare datasets to implement and optimize models including Logistic Regression, Random Forest.
- Developed interactive data dashboards and model comparison tools using Streamlit for internal demos and testing.
- Collaborated with mentors and team members to analyze model performance and iterate based on accuracy, precision, and recall metrics.

PROJECT

Heart Disease Prediction

- Tools: Python, Scikit-learn, Streamlit, Pandas
- Developed a machine learning web app using Streamlit to predict. Compared four models (Logistic Regression, Random Forest, SVM, KNN) and visualized their performance with accuracy charts.

Heart Disease Prediction Using Custom Dataset
Tools: Python, Pandas, NumPy, Scikit-learn

- **Built a flexible ML pipeline to train and evaluate models on user-uploaded Cardiac datasets, enabling dynamic preprocessing and model comparison.**

Model Prediction Using Custom Dataset
Tools: Python, Scikit-learn, Matplotlib

- **Implemented a generic model comparison tool for classification tasks using custom datasets. Included data preprocessing, feature selection, and multi-model evaluation.**