





Mohammad Soban Shaikh

 github.com/Mohammad-Soban  linkedin.com/in/Soban1103  soban1103@gmail.com  7016710790

EDUCATION

PANDIT DEENDAYAL ENERGY UNIVERSITY

B.Tech. Computer Science And Engineering

Present

Current CGPA: 9.57/10.0

BEST HIGHER SECONDARY SCHOOL

HSC Gujarat Board

June 2021

Percentage: 86.30

SKILLS

PROGRAMMING LANGUAGES: C, Python, Java, JavaScript/NodeJS, Scala, MySQL, MongoDB

MAJOR SKILLS: Data Science, Data Analysis, Machine Learning, Deep Learning

MINOR SKILLS: Frontend Development, Backend Development, Data Pre-processing, Data Visualization

DEVELOPER TOOLS: Git/GitHub, Unix Shell, VS Code, PyCharm, GitLab

SOFT SKILLS: Problem Solving, Teamwork, Documentation, Communication and Presentation

COURSE WORK: Data Structures, Data Base Management, Software Engineering, Operating Systems

AREAS OF INTEREST: ML-Ops, Computer Vision, Natural Language Processing, Generative AI

PERSONAL PROJECTS

Loan Repayment Prediction Analysis | *Python, Machine Learning, Pandas, Numpy, Matplotlib, Sklearn, Seaborn*

- Performed detailed data analysis, preprocessing, and cleaning to optimize data quality for precise prediction modeling, addressing inconsistencies through thorough exploration and transformation techniques.
- Applied uni-variate and bi-variate analysis methods to extract insights into factors influencing loan repayment behavior, facilitating informed decision-making in predictive modeling.
- Employed logistic regression, decision trees, and support vector machines (SVM) to develop a predictive model, accurately determining the likelihood of loan repayment by customers through advanced classification techniques.
- Conducted rigorous accuracy checks to validate the model performance and got an accuracy of 0.799 on test data.

Machine Learning and Artificial Intelligence | *Python, API(Google-Gemini), Git, VS Code*

- Developed machine learning algorithms including a Fake Credit Card Detection Algorithm using Decision Trees, fuel consumption prediction with Linear Regression, and drug requirement prediction utilizing Classification and Decision Trees.
- Implemented artificial intelligence models such as MPNeuron, CNN, Single Layer and Multi Layer perceptron.
- Created an AI chatbot using Gemini AI API integrated with Streamlit for enhanced user interaction and functionality.

TEAM PROJECTS

Social Fusion | *Flask, React-JS, APIs (google api python client), Git, MongoDB, Web Scrapping, VS Code*

- Spearheaded the creation of Social Fusion, integrating YouTube videos and Instagram content seamlessly to offer a distraction-free browsing experience.
- Orchestrated the development of both front-end and back-end functionalities, ensuring smooth user interaction and efficient data management.
- Played a crucial role in testing and authorization processes, contributing to the platform's reliability and security.
- Fostered transparency and collaborative development through version control on Git-Hub

EV Sales Analysis | *Python, Streamlit, Git, VS Code, Data Analysis and Visualization, PowerBI*

- Performed Exploratory Data Analysis On more than 10000 rows of EV Sales Data of Washington.
- Added different kinds of Visualization and Plots to the project.
- Created a Streamlit App to view everything done at one place.
- Added County Wise Analysis on the given Dataset.

WORK EXPERIENCE

MS SALES | *Sales Manager*

January 2023 – January 2024

- Led sales operations and customer interactions at a wholesale distributor of AMUL Products,
- Played A Role in achieving second-best ice cream sales in Gujarat through MS Sales engagement.

BMV SYSTEM INTEGRATIONS | *SDE - AI Intern*

May 2024 - July 2024

- Researched on Ways To Automate ESG Reporting and documented requirements for making Automated ESG Report Making Tool.
- Performed Exploratory Data Analysis and Created PACF and ACF Plots for checking the auto-correlation of the Glucose Readings Dataset.
- Created a model for predicting Glucose Values Of Type 2 Diabetic Patients using Deep Learning Models with the feature of Pattern Recognition and an accuracy of 72.4% to 79.1%
- Worked On Automating Wifi Connection on Raspberry PI Zero 2W system by creating a hotspot and connecting to a wifi using a flask app connected on an Android Device.

CERTIFICATIONS

IBM Data Science Professional Certificate :

March 2023 – March 2024

Completed a 10 course series on Data Science given by Coursera in collaboration with IBM

GFG PDEU :

Attended workshop on Generative AI and Git/GitHub organized by GeeksForGeeks Student Chapter of PDEU

POSITION OF RESPONSIBILITIES

Encode : The Computer Science Club Of PDEU | *Core Member*

August 2022 – August 2023

Acted as an integral team member within the Computer Science Club "Encode" at PDEU, contributing to the planning and execution of diverse club events.

Siddiqiya Welfare Trust | *Member*

January 2023 – January 2024

Initiated and implemented community development projects, fostering sustainable change and empowering marginalized populations during my tenure with the NGO.