Data Analyst/ Business Analyst

SACHIN KRISHNA

(9611409261) | sachinkrishnaku8@gmail.com
https://www.linkedin.com/in/sachin-krishna-534974316/
https://sac202.github.io/sachintheanalyst-github.io/
Bangalore, KA 560090

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- PySpark
- Microsoft Power BI
- Machine learning (Decision tree, Random Forest, KNN, Scikit-learn learn, Keras, TensorFlow)

Projects

Netflix Analysis

- **Analyzed and visualized Netflix content data** using **Power BI** and **Python** to uncover trends in **genre distribution, release patterns**, and **content ratings**.
- **Cleaned and prepared the dataset** using **Pandas** and **Excel** to ensure **accuracy in reporting and analysis**.
- Implemented **customer segmentation** by grouping viewers based on **content preferences, watch history**, and **genre interaction** using **clustering techniques**.
- Simulated **A/B testing scenarios** to evaluate the impact of different **content recommendation strategies** on **user engagement**.
- Designed **interactive dashboards** to support **data-driven insights** into **user behavior**, aiding in **personalized content delivery decisions**.

Automated Model Ensemble Technique For Improved Accuracy: Combining Machine Learning

- Designed and implemented an **automated ensemble framework** to combine multiple machine learning models for enhanced prediction accuracy
- Utilized techniques such as **Bagging, boosting (XGBoost, Gradient Boosting), and Voting Classifiers** to aggregate model outputs.
- Developed a pipeline for **training, evaluation, and ensemble selection**, streamlining the process for scalability and reusability.
- Evaluated models using metrics like **accuracy, precision, recall, and F1-score**, achieving significant performance gains over individual models.
- Documented the entire workflow and deployed project assets to a **personal portfolio** for demonstration of advanced ML and automation skills.

Deep Defender: Smart Detection of Phishing Website

- Built a system to detect phishing websites using **machine learning and deep learning** techniques.
- Used classification algorithms like **Random Forest**, **Decision Trees**, and **RNN-GRU** models.
- Achieved **96.49% accuracy** through advanced feature engineering and real-time URL analysis.
- Focused on detecting harmful sites by analyzing website patterns and behavior automatically
- **Published** the project findings in a **peer-reviewed research paper**, validating the results.

Work Experience

INTERNSHIPS –Bangalore, KA   November 2023
Student Intern | Comp soft Technologies 2023

- Built and **evaluated supervised ML models (SVM, Random Forest)** for document classification tasks.
- Enhanced model performance by 10% through **hyperparameter** tuning and data preprocessing.

Student Intern | IBM 2024 – 2025

- Developed an ensemble **machine learning** framework as part of AI/ML internship training.
- Used techniques like **Bagging, XGBoost**, and **Voting Classifiers** to combine model predictions.
- Achieved a **12% accuracy improvement** over **individual models** and **automated** the evaluation pipeline.
- **Gained experience** in **real-time model validation** and deployment **using cloud-based** environments.

Education

BACHELOR OF ENGINEERING COMPUTER SCIENCE
EAST WEST COLLEGE OF ENGINEERING 2021 – 2025
CGPA: 7.0

PRE UNIVERSITY | ST CLARET PU COLLEGE 2019 – 2021
PERCENTAGE: 75

SCHOOL | ST CLARET SCHOOL 2006 – 2018
PERCENTAGE: 77