ROHITH SARGUNAN

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Dynamic and motivated student seeking opportunities to apply academic learning and develop practical skills in a professional setting. Dedicated to contributing positively to organizational goals and embracing challenges to foster personal and professional growth.

PROJECTS

- **AIRLINE CUSTOMER SATISFACTION PREDICTION** De2023 **USING MACHINE LEARNING AND ARIMA MODEL**

Technologies Used: Python, Decision Trees, Random Forest.

- Designed Machine Learning model Utilizing random forest and ARIMA models yields a remarkable 94% accuracy in forecasting airline customer satisfaction and predicting the number of customers, enhancing operational efficiency and service quality

- **PNEUMONIA DETECTION USING CNN** April2024

Technologies Used: Python, keras/tensorflow, CNN, chest xray images

- Built an deep learning model using CNN architecture and Achieved a noteworthy accuracy rate of 78.6% and integrated probabilistic prediction for enhanced diagnostic certainty. This project showcases proficiency in advanced AI techniques and contributes to improving healthcare diagnostics.

SKILLS

- **Programming Languages:** SQL, Python, Numpy, Pandas , Scikit-learn
- **Courses:** Meachine Learning, Deep Learning , cloud computing
- **Data Visualization**: Tableau, Power BI
- **Data Analytics:** Microsoft Excel, R , SPSS,
- **Soft Skills:** Leadership, Team Management, Communication, Presentation Skills

EDUCATION

- **VELLORE INSTITUTE OF TECHNOLOGY** Sep 2020
  Integrated M.sc computational statistics and data analytics
- **SHRISHTI VIDYASHRAM CBSE SCHOOL** July 2018
  12th standard
- **SHIKSHA GREENWOODS ICSE SCHOOL** July 2017
  10th standard

CERTIFICATES

- **GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE**
  Coursera, 2024 [Certificate](#)

LANGUAGES KNOWN:

English, Tamil, Telugu