

AKHIL V GOVINDAN



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EXPERIENCE

- Proficiency in data manipulation and analysis using programming languages such as Python, SQL.
- Experience working with big data technologies such as Hadoop, Spark databases.
- Strong understanding of machine learning algorithms, including supervised and unsupervised methods, and deep learning networks.
- Good communication and collaboration skills, able to work with cross-functional teams and communicate technical concepts to non-technical stakeholders.

SKILLS

- PYTHON
- DEEP LEARNING
- AI
- TABLEAU
- SQL
- NLP
- BIG DATA
- MACHINE LEARNING
- DATA VISUALIZATION
- HADOOP & SPARK

PROFILE

JUNIOR DATA SCIENTIST

Luminar Technolab, Kochi, 2022 - 2023

- Developed predictive models using machine learning algorithms to improve business outcomes.
- Conducted data cleaning and Pre-processing to ensure high-quality data inputs for modeling.
- Analyzed large datasets using SQL and Python to uncover insights and identify trends.
- Additionally, I am familiar with Deep Learning techniques, such as Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), and Recurrent Neural Networks (RNN), and have utilized them to develop models for image and text data.
- Familiar with tools like Media pipe, Harcadade, OCR for using text and image reorganization.
- Designed and implemented recommendation systems to improve user engagement and retention.

EDUCATION

SECONDARY SCHOOL

2015-2017
GHSS MULLASSERY
COMPUTER SCIENCE

BACHELOR OF TECHNOLOGY

VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY
CIVIL ENGINEERING
2017-2021

DATA SCIENCE INTERN

LUMINAR TECHNO LAB

PROJECTS

FINANCIAL SETTLEMENT ANALYSIS USING NLP

- Data is intended for advancing financial sentiment analysis research using pandas, numpy.
- Algorithm Used in the project are SVM ,naive_bayes ,randomforest ,Adaboost.

QR CODE DETECTION AND BROWSING USING OPEN CV

- The model is used to detect the QR code and logging into the scanned address.
- This program uses pyzbar, selenium, Open CV.

LOAN APPROVAL PREDICTION USING ML ALGORITHM

- This model is used to analyse whether the loan is approved or not by considering their financial background.
- Build models using KNN, Naive Bayes, Random Forest, Decision Tree Classifier

SMILE DETECTION USING HAAR-CASCADE CLASSIFIER

- This model detects the facial expression and determine it is smiling or not.
- Uses Matplotlib, OpenCV, and Haar-cascade smile detection detect file to build the model.

DOMINANT COLOR DETECTION USING OPEN CV

- This model detects the highest dominant color in the given image.
- This program uses sklearn, matplotlib, imutils, OpenCV