Ajay M

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PROJECT

Rainfall Prediction using Machine Learning(Random Forest)

· Built a predictive model to estimate rainfall using historical weather data. Applied random forest algorithms and achieved good accuracy(above 80%). Tech: Python, NumPy, Pandas, Sklearn, seaborn, pickle, Matplotlib.

Movie Recommendation System(Machine Learning, Web Development)

· Developed a hybrid recommendation system using content-based filtering and collaborative filtering techniques. Implemented a Flask-based web interface to interact with users and display personalized movie recommendations. Utilized libraries such as pandas, numpy, scikit-learn, and Surprise for data handling and modeling. Tech: Python, Flask, Pandas, NumPy, Scikit-learn, Surprise, TfidfVectorizer, Cosine Similarity.

Image Labelling using AWS Rekognition(Cloud Computing, Computer Vision)

· Implemented an automated image labelling system by integrating AWS S3 with Rekognition to classify and tag uploaded images. Tech: AWS Rekognition, S3, Boto3, Python

EDUCATION

SSLC

MES Kishore Kendra High School · 2020 · 97.6%

PUC

MES College of Arts Commerce and Science · 2022 · 92.3%

Bachelor Of Engineering(Pursuing)

JSS Academy of Technical Education · JSS Campus, Uttarahalli-Kengeri Road, Bengaluru-560060 · 2026 · 8.758

CERTIFICATIONS

Google Data Analytics

Coursera, Google · 2024

Machine Learning Speacilization

Coursera, DeepLearning.AI · 2024

Design and Analysis of Algorithm

NPTEL · 2024

SKILLS

Programming Languages: Python, Java, SQL , C, R programming(for Visualization)

Frameworks: TensorFlow, Scikit learn, Keras, Flask, Django, Pandas, Numpy

Tools: Git, Jupyter, VS Code, Eclipse, MySQL, Linux Terminal, R Studio, Excel, Google Spreadsheets, Big Query

Platform: Linux, Windows, AWS

Soft Skills: Time Management, Leadership, Communication, Teamwork