Muneeb ur Rehman

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EDUCATION

National University of Computer and Emerging Sciences,Islamabad
Bachelors of Science, Data Science
Relevant Coursework: *Big Data, COAL, Introduction to Data Science, Machine Learning, Probability and Statistics, Linear Algebra, Artificial Intelligence, Database Systems, Fundamentals of Software Engineering, Data Structures and Algorithms, Calculus, Differential Equations*

PROJECTS

AI Image Finder
- Created an AI Image Finder that return similar images from the dataset of 50GB
- Using deep technology using TensorFlow, PyTorch frameworks, Used Image Processing using OpenCV and PLI

Product Reviewer
- Used Hadoop and the dataset comprised of 50GB
- NLP techniques to conduct in-depth techniques for in-depth sentiment analysis on product review, identify positive, negative and neutral sentiments.
- Implemented algorithms to contextualize reviews.

Frequent Product Purchased from Amazon Meta Data
- Used Hadoop, Pyspark,MongoDB, Kafka and the dataset comprised of 150GB
- Developed Kafka consumers to efficiently ingest real-time product metadata from Amazon's large data streams,   ensuring seamless data flow and minimal latency.
- Implemented advanced preprocessing techniques to cleanse and prepare raw data for analysis, including data normalization, feature engineering, and outlier detection, optimizing data quality for downstream analysis

Song Recommendation System:
- Developed an efficient song recommendation system based on kafka, hadoop.
- Used mongodb for data handling

Library Management System (C# Frontend, C++ Backend):
- Engineered a comprehensive library management system with a C# frontend and a C++ backend.
- Designed to optimize user experience and backend functionality, enhancing efficiency in library operations.

SKILLS
Python, C++, c#, , HTML, MySQL, PowerBI, PyCharm, Hadoop, Kafka, Pyspark, node js, sfml

HONORS AND AWARDS
- Honored as Best Perfumer for National Solutions Convention (NaSCon) '24 for best contributor as member of team