Chris Vinson Kunnankada

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SKILLS

Languages: Python, Java, C, SQL, HTML, JS, CSS, BASH Scripting
Developer Tools: VSCode, MySQL, Git, Eclipse, Power BI, AWS, Linux, Docker
Data and Machine Learning Tools : Pandas, NumPy, Tensorflow, Scikit-Learn, PyTorch

WORK EXPERIENCE

LEAP India. Pvt. Ltd Mumbai, Maharashtra
Graduate Engineer Trainee *December 2024 – Present*

- Playing a pivotal role in deploying SAC (SAP Analytics Cloud) reports during the migration from Tableau to SAC, managing reporting and KPI accrual across departments such as Warehouse, Repairs, Finance, CRT, and Sales to ensure effective adoption by end users.
- Contributed to the SAC deployment by aligning reports with SAP S4 HANA, gaining valuable exposure to the company's ERP migration from SAP B1 to SAP S4 HANA, driven by the acquisition of its major competitor and the need for a robust IT infrastructure to support the M&A.
- Executed the deployment of a sales forecasting model for the Planning department, incorporating ensemble methods like ARIMA, SARIMAX and exponential smoothing to enable accurate warehouse-level sales predictions based on historical data.

Xceedance Inc. Bengaluru, Karnataka
Intern : Associate Programmer - Data and Modelling Products *February 2024 – June 2024*

- Develop and refine scripts to generate dummy exposure data consisting of vulnerability data and risk profiling of a given number of location points extracted based on distribution entered by the user.
- Ensure efficiency of script to generate portfolio of exposure data of the magnitude of 5 to 10 GB in reasonable time frames.
- Develop front end interface to allow easier dynamic generation of exposure data portfolio from input distribution.
- Technologies and libraries used : Python, risk profiling APIs, GeoJSON, GeoPandas, Matplotlib

PROJECTS

Document Query Application using RAG (Retrieval Augmented Generation) Aug 2024 - Sep 2024

- Developed a Document Q&A system using RAG. Users upload their document and can then query the document, which implements FAISS for similarity search and Google Gemini Model to answer questions.
- Technologies used: FAISS, Google's Gemini AI, PyPDF2, langchain, sentence-transformers, torch, reportlab, Streamlit.

Communication Platform with Enhanced Accessibility Features Aug 2023 - May 2024

- Developed an AI enhanced communication platform with features implemented, such as real-time sign language detection, AAC board functionality and video color detection to improve accessibility for users with disabilities.
- Libraries and tools used: TensorFlow, Keras, NumPy, OpenCV. Open source model used : Google BERT

Music Generation using LSTM Apr 2023 - Jun 2023

- Developed an LSTM deep learning model to generate original music sequences based on selected mood values.
- Libraries used : Keras Tensorflow, NumPy, Pandas, pretty_midi. Dataset used : Lakh Midi dataset

EDUCATION

New Horizon College of Engineering Completed : 2024
Bachelor of Engineering in Artificial Intelligence and Machine Learning (AIML)
CGPA: 9.41/10

Karnataka State Pre-University Course (PUC) Completed : 2020
Percentage: 83.83 %

Indian Certificate of Secondary Education (ICSE) Completed : 2018
Percentage: 94 %

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.
Date : 7/11/2024