

Kusuma Korada

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kismiskorada.github.io/Portfolio/generic.html

SUMMARY

Aspiring Data Analyst with hands-on experience in data cleaning, preprocessing, and visualization. Aiming to enhance managed care outcomes by advancing data analytics tools and processes. Seeking internship or co-op opportunities to jumpstart my career.

EDUCATION

Michigan Technological University, GPA: 3.94/4

M.S. in Health Informatics, Artificial Intelligence

Houghton, MI

Jan 2023 – Dec 2024

NTR University of Health Sciences, GPA: 3.2/4

B.S. in Dental Sciences

Vijayawada, India

2017 – 2022

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, HTML, Javascript

Deep Learning Frameworks: TensorFlow, PyTorch, Keras, Caffe

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, NLTK, Git, Docker

Data Visualization Tools: Power BI, Tableau, Microsoft Excel

Big Data Analytics: Hadoop, Apache Spark

PROJECTS

Early Detection of Liver Disease

Machine Learning Project

August 2023 – December 2023

Python, Scikit-Learn, Numpy, Pandas

- Employed Data Preprocessing, data visualisation and trained ML models like Logistic Regression, K-Nearest Neighbors (KNN), Support Vector Machine (SVM), ensemble methods.
- Utilised SMOTE and achieved best performance with Logistic Regression with a high recall of 96 percent.

Data Analysis Of Employees Performance

Microsoft Power BI

May 2024

Dashboard creation

- Spearheaded the efforts to leverage Power BI's capabilities to extract and visualize critical insights from Employee performance data at INX Future Inc.

EXPERIENCE

Research Project Assistant

Artificial Intelligence in Health Care

January 2024 – Present

Michigan Technological University, Michigan, US

- Analyzed integrated data sets for early detection of Alzheimer's using ML Models like Random Forest, SVM, XGBoost.
- Presented findings at weekly research meetings

Dentist

Subha Parvati Dental Clinic

Jan 2021 – May 2022

INDIA

- Led the development of an innovative Electronic Health Records System, utilizing Microsoft Excel for robust data management
- Enhanced patient care, diagnosis accuracy, the clinic's popularity, and patient admissions from 33% to 55%.

CERTIFICATIONS

- Artificial Intelligence -Machine Learning Foundations
- IBM Data Analysis Professional Certificate.