Data Scientist

NUMAAN FAROOQ

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numaanfarooq (Numaan Farooq) (github.com)
Numaan Farooq - Data Scientist| bioinformatics

Skills

- Machine Learning
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Deep Learning
- Computer Vision
- Data Visualization

- NLP
- Predictive Modeling
- Statistical Analysis
- Data Analysis
- Image Processing & Segmentation

Projects

BRAIN TUMOUR SEGMENTATION AND PREDICTION –INEURON   Present

- Developing a deep learning model to accurately segment and predict brain tumors from medical images.
- Utilizing advanced techniques in medical imaging for enhanced diagnostic capabilities.
- Used U-Net for the segmentation and planning to use Ensemble Methods for prediction.

RETINAL VESSEL SEGMENTATION – PERSONAL PROJECT –   June 2024

- A deep learning project aimed at segmenting retinal vessels using U-Net architecture.
- Achieved a high accuracy score.

FAKE NEWS PREDICTION– PERSONAL PROJECT PERSONAL PROJECT   March 2024

- Developed an NLP model to detect fake news utilizing machine learning algorithms.
- Achieved high accuracy by analyzing large datasets of news articles.
- Applied regression and machine learning to produce a final model with an accuracy of 88% and lift of 34%

CERVICAL CANCER PREDICTION – PERSONAL PROJECT   May 2024

- Implemented predictive modeling techniques to assess the risk of cervical cancer.

BREAST CANCER PREDICTION– PERSONAL PROJECT   February 2024

- Developed a machine learning model for early diagnosis based on clinical data.

Work Experience

DATA SCIENCE INTERN – COGNIFYZ TECHNOLOGY –(2024-PRESENT)   March 2018 - October 2018

- Engaged in various data-driven projects, applying machine learning techniques to extract insights.
- Collaborated with teams to analyze data and implement solutions that enhance business performance.

Education

BACHELORS (HONS) IN BIOTECHNOLOGY – University of Kashmir – Srinagar, Jammu & Kashmir   June 2020
Majors: Biotechnology, Biological Data Analytics, Bioinformatics, Bacteriology