

Trainee Interest Opportunities

Title: Preprocessing of raw medical data for machine learning model development

Mentor: Eduardo Carranza

Department: Machine Learning

Location: SRB-1st-21200

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Project/Lab Description: Preprocessing of medical radiology reports for development of Natural Language processing model

Time Commitment: 10 hours a week

Student Requirements:

- Medical background preferably in radiology
- Proficient in excel

Learning Outcomes: List 3-5

1. Learn data preprocessing stage of machine learning model development
2. Learn the importance of data cleansing and its effects on the accuracy and efficiency of a machine learning model
3. Acquire knowledge of the Liver Reporting & Data system (LIRADS) utilized for classification of tumors