CS – Diagnosing Alzheimer's Disease

DS 4002 – Spring 2023 Submission format: GitHub repository link Individual Assignment

General Description: Submit to canvas a link to your GitHub repository for this case study

Preparatory Assignments: Everything in the course, especially finding communication

Why am I doing this? This is a chance to use the lessons learned in the course to employ skills at optimizing models and identify most ideal model to accomplish your goal. Additionally, it will challenge you to determine the best metric for assessing success of a model.

- Course Learning Objective: Analyzing image data
- Course Learning Objective: Prepare findings for written communication

What am I going to do? You will read the hook document to understand the prompt. The document will outline the task you would need to accomplish for this assignment. You will use CNN to create a model for image classification. You will then identify and create a different image classification model to accomplish the same task. Lastly, you will identify an analysis metric to evaluate and compare the two models' performance.

Tips for success: Talk to the professor and TA and be sure to ask any questions you

How will I know I have Succeeded? You will meet expectations on CS- Diagnosing Alzheimer's Disease when you follow the criteria in the rubric below.