CS3 Case Study: MET Museum Art Classification Model

You have been assigned as an archivist to a local art museum that hopes developing an art archive API will invite collaboration with other researchers/public programs. The primary goal of the art foundation is to increase accessibility to cultural history through the arts. Furthermore, as the art technology increases, it becomes more and more important to be able to correctly distinguish artwork by the real/unreal, as well as in order to manage a truly effective archive. The MET museum is an internationally acclaimed museum collection of artistic artifacts sourced from around the world. They routinely update an open-access API of their archive to promote data science innovation for the arts and library sciences. Your employer has already collected representative photos for their collection, however, they find it difficult to differentiate between different art mediums (ink oil paint, charcoal, graphite drawing, mixed media drawing, etc) or art eras. Furthermore, they don't know what kind of categories would be best to identify and sort this archive. By developing an image classification model trained on the MET Museum API, you will be able to develop a robust metadata archive system for the art museum.

Deliverable:

Create a GitHub repository with code, results, and more. Upload the finalized GitHub link to Canvas. Refer to the rubric of more detailed information and instruction .