Portfolio Assignment: Getting Started

Objectives:

- Create a GitHub portfolio for class work
- Summarize the main branches of ML algorithms
- Reflect on your personal interest in ML

Deliverables:

- Upload your pdf document to eLearning for grading, and in eLearning also include a link to your GitHub portfolio
- Upload your first document (described below) to your GitHub portfolio, and link to it on your index page

Instructions:

1. Follow the instructions in the document *Create a GitHub Portfolio for Class Work* to set up your portfolio
2. Add a document "Overview of ML" in which you:
    a. define ML in your own words
    b. in a paragraph, summarize the importance of data, pattern recognition, and accuracy in machine learning
    c. describe the relationship between AI and ML
    d. list at least 2 examples of modern machine learning applications, and explain why these application could not be built with traditional programming
    e. In a paragraph, define the terms observation, feature, quantitative data, and qualitative data and discuss their importance in machine learning
    f. write a paragraph describing your personal interest in ML and whether/how you would like to learn more about ML for personal projects and/or professional application
    g. save the document as a pdf document
    h. upload the document to your GitHub
3. Create a link to this document on your index page

Grading Rubric:

Element	Points
Step 1 Create the portfolio	50
Step 2 Create and Upload the overview document	40
Step 3 Create a link to the overview document on the index page	10
Total	100