Day 1 Exercises

1. Find a video on an AI technology that interests you.
   1. What type of AI is it using?
2. Find a news article or video on an application of AI where ethics/bias were not considered and there was a bad outcome.
   1. What type of AI is it using?
   2. What did they do to fix the issue?
3. Write a sentiment analysis program. Use ChatGPT to help expedite the process.
   1. Find a natural language processing library
   2. Read the docs to find the sentiment analysis method
   3. Import the library and use sentiment analysis on some text
      1. Paragraph in a file
      2. User input
   4. Advanced: Integrate it into an existing application
4. Challenge: Write an image classification program. Use ChatGPT to help expedite the process.
   1. Find a computer vision library
      1. OpenCV recommended
   2. Read the docs to find the object detection method
      1. Or follow a guide online
   3. Import the library and use object detection on an image
   4. Advanced: Integrate it into an existing program.