Homework #1

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# Question 1

Pick a Generative AI use case for your company or your organization and explain the pros and cons in less than 200 words.

# Response

The company that I am currently consulting with sends out workers to merchandise, count and perform any other required activities in retail stores. Clients always want to know the shelf space and quantity on the shelf of their products and competitor products. Having the workers do this is expensive, it is cheaper to have AI process pictures that the workers take. There are many companies that offer software to do this. They train their system on products so that the system can detect the product. With several hundred thousand retail products, new ones being introduced, and existing ones changing their packaging, this is an expensive effort.

Working with two engineers, I came up with a new way to use the ChatCPT generative AI platform to solve this issue. Recently, ChatGPT added the ability to generate text based on pictures. We were able to process a picture of a shelf and generate text that describes all the products on the shelf, all the shelf tags, prices, locations and more. In our testing, we have found it to be over 95% accurate. It requires no ongoing training. This is a huge win for the company. The only con I can think of is the effort that it will take to integrate it into our workflow and address the incorrect responses.