Potential Capstone Project Ideas (Tentative)

I wrote this before I was ever assigned a mentor, so I have yet to discuss these ideas with anybody.

- **Auto-Keywording and Auto-Descriptions** for new seamless pattern stock images.
    - **Problem:** I would like to automatically generate keywords and descriptions for seamless pattern images that will be uploaded to stock websites.
    - **Data**: I would gather the preview images, keywords, and descriptions.
- **Generative Art based on Deep Learning**
    - **Problem:** I'm not sure of all the directions this could go, but I am fascinated by the art produced with something called "Style Transfer". I am curious to think about other directions to take it tho.
    - **Data**: Lots of images. I can just pull them off the web, I suppose. Or maybe I could use my own images? I have thousands of patterns.