Project SVD

There is an image and we want to compress that with SVD algorithm. The code is in Jupyeter Notebook. The file name is Project\_svd.ipynb

Please install Anaconda. The installation is straightforward and there are good videos on YouTube about how to install it like

<https://www.youtube.com/watch?v=jZ952vChhuI>

<https://www.youtube.com/watch?v=HW29067qVWk>

<https://www.youtube.com/watch?v=o6aOqkmrrb4>

<https://www.youtube.com/watch?v=5mDYijMfSzs>

Installation of the Anaconda and being able to work with Jupyter notebook is part of the project.

In the folder you see an image that we aim to compress. The code is half-completed, until after calculating SVD.

Please use the available code to compress the image with 5-50 components with step of 5.

Please submit the results in PDF format. The results, i.e., compressed images, should be included along with explanation of your observation.