Image data is present is dataset folder.

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**Test:** contains image set used for testing SLP

**Train :** contains 10 images used to train SLP

**Noisy:** Contains folders of noise corrupted data with standard deviations 0.1,0.001,0.002,0.003,0.005,0.01,0,02,0.03,0.05

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**Pycodes** contains the .ipnyb file

The SLP models are saved as :

**Trained\_10.h5 :** Trained on 10 noiseless data

**Trained\_20.h5 :** Trained on entire noiseless image set

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