Siamese network

<https://towardsdatascience.com/siamese-networks-line-by-line-explanation-for-beginners-55b8be1d2fc6>

Papers

Prototypical Networks for Few-shot Learning - <https://arxiv.org/pdf/1703.05175.pdf>

<https://github.com/sicara/easy-few-shot-learning/blob/master/notebooks/my_first_few_shot_classifier.ipynb>

https://github.com/oscarknagg/few-shot/blob/master/few\_shot/proto.py

Few shot learning

<https://github.com/wangshusen/DeepLearning/blob/master/Slides/16_Meta_1.pdf>

<https://www.youtube.com/watch?v=hE7eGew4eeg&ab_channel=ShusenWang>

<https://deepganteam.medium.com/few-shot-learning-from-scratch-a3422b111e05>

<https://towardsdatascience.com/advances-in-few-shot-learning-a-guided-tour-36bc10a68b77>

<https://towardsdatascience.com/advances-in-few-shot-learning-reproducing-results-in-pytorch-aba70dee541d>

<https://proceedings.neurips.cc/paper/1993/file/288cc0ff022877bd3df94bc9360b9c5d-Paper.pdf>

<https://www.cs.cmu.edu/~rsalakhu/papers/oneshot1.pdf>

<https://arxiv.org/abs/1503.03832>

Implementation

https://github.com/sicara/easy-few-shot-learning/blob/master/notebooks/my\_first\_few\_shot\_classifier.ipynb

Datasets

<https://www.kaggle.com/datasets/diyer22/retail-product-checkout-dataset>

Notebooks

Data generation

<https://www.kaggle.com/code/abhisheksuman/generating-images-for-few-shot/notebook?scriptVersionId=106700087>

Twin networks on fruits dataset

<https://colab.research.google.com/drive/1lSlpCKQS7D7qzejyTMHlPXuRUKdRgU59#scrollTo=UQ8RBXgGYVGN>

Twin networks on current dataset

<https://colab.research.google.com/drive/10eH19Y-dFGCtlfCI1HktjWuIeVD-0VWj#scrollTo=BWGz2Kh-V5ji>