

Fashion MNIST

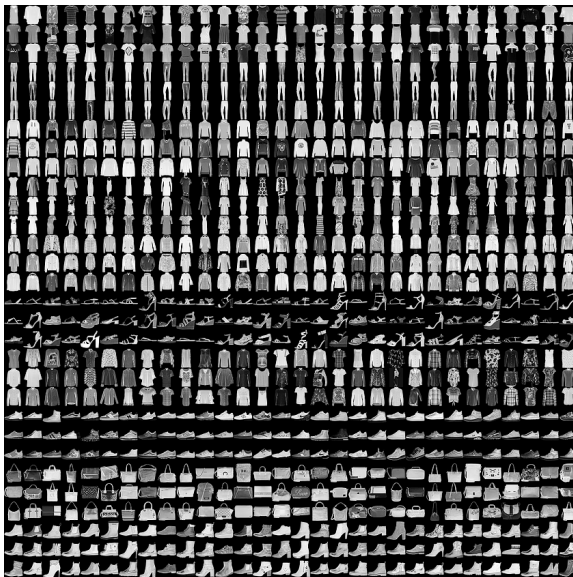


Figure 1: Fashion MNIST image example

Fashion MNIST Definition

- ▶ The original MNIST dataset has been used as testing dataset for a lot of learning methods for a long time, however:
 - ▶ It is too easy. With CNNs you can achieve a 99.7% of accuracy.
 - ▶ It has been overused.
 - ▶ It is not representative of the modern tasks.
- ▶ Therefore, the guys from Zalando have created a new dataset, FashionMNIST with similar characteristics to MNIST:
 - ▶ 60000+10000 28x28 greyscale images and 10 classes

Label	Description	Label	Description
0	T-shirt/top	5	Sandal
1	Trouser	6	Shirt
2	Pullover	7	Sneaker
3	Dress	8	Bag
4	Coat	9	Ankle boot

Kuzujishi MNIST

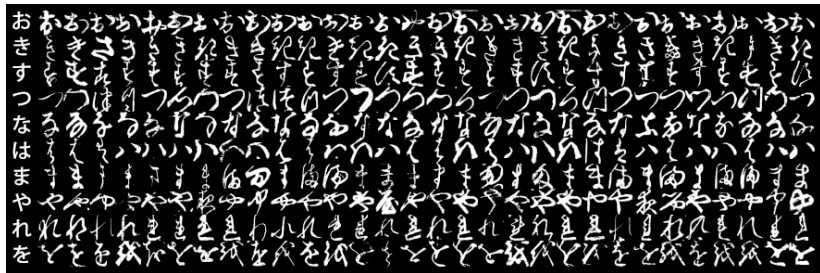


Figure 2: Kuzujishi MNIST image example

Kuzujishi MNIST Definition

- ▶ Available in Github
- ▶ Dataset used in **Deep Learning for Classical Japanese Literature** *Tarin Clanuwat et al.* 2018
- ▶ 60000+10000 28x28 greyscale images and 10 classes
- ▶ Loading the data requires specific functions that are provided for the course

Label	Description	Label	Description
0	お - o	5	は - ha
1	き - ki	6	ま - ma
2	す - su	7	や - ya
3	つ - tsu	8	れ - re
4	な - na	9	を - wo