

```
In [12]: fashion_mnist = keras.datasets.fashion_mnist  
(X_train_full, y_train_full), (X_test, y_test) = fashion_mnist.load_data()
```

```
In [13]: X_train_full.shape
```

```
Out[13]: (60000, 28, 28)
```

```
In [14]: X_train_full.dtype
```

```
Out[14]: dtype('uint8')
```

```
In [15]: X_valid, X_train = X_train_full[:5000] / 255., X_train_full[5000:] / 255.  
y_valid, y_train = y_train_full[:5000], y_train_full[5000:]  
X_test = X_test / 255.
```