

## Image Classification:

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**Goal:** classify shelf images (in this test case a subset of data is selected ,18 different **milk** products.)

**Requirements:** python , preferably TensorFlow



### Data:

data is provided in **pickle** format. There are **3445** labeled images.

**x\_18.pickle** of shape **3445\*224\*224\*3**

List of array (images)

**y\_18.pickle** of shape **3445**

True labels (There might be some wrong labels in the date-set)

**is\_train\_18.pickle** of shape **3445**

List of True, False values

True for **Training** , False for **validation** (feel free to change train and validation sets)

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please feel free to contact me if you have any questions.

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