6.3 NOTE ABOUT DATA TRANSFORMATIONS

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```
                        PyTorch - Temp.py
 1   class CustomDataset(Dataset):
 2
 3     def __init__(self, features, labels):
 4       self.features = features
 5       self.labels = labels
 6
 7
 8
 9     def __len__(self):
10       return self.features.shape[0]
11
12
13
14     def __getitem__(self, index):
15       return self.features[index], self.labels[index]
```

How can we apply transformations using Dataset & Dataloader class ?

Place where we can perform transformation

We can very easily perform any transformation inside this __getitem__() function.

Since the main function of this function is that we get a index and return the corresponding row against it.

So before returning the row. we can perform any kind of transformation we want.

for Textual data
  - Lowercase
  - Lemitization
  - Stop word Removal

for image kind of dataset
  → Resize
  → black & white
  → data augumentation

etc. etc. etc.