6.3 NOTE ABOUT DATA TRANSFORMATIONS

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```python
class CustomDataset(Dataset):

    def __init__(self, features, labels):
        self.features = features
        self.labels = labels


    def __len__(self):
        return self.features.shape[0]




    def __getitem__(self, index):
        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 augmentation

etc. etc. etc.