

SPRINT 2

Date	03 November 2022
Team ID	PNT2022TMID24730
Project Name	DETECTING PARKINSON'S DISEASE USING MACHINE LEARNING
Maximum Marks	4 Marks

3. Get the features and labels from the DataFrame (dataset). The features are all the columns except 'status', and the labels are those in the 'status' column.

- #DataFlair - Get the features and labels
- features=df.loc[:,df.columns!='status'].values[:,1:]
- labels=df.loc[:, 'status'].values

Screenshot:

```
[3]: #DataFlair - Get the features and Labels
features=df.loc[:,df.columns!='status'].values[:,1:]
labels=df.loc[:, 'status'].values
```

4. The 'status' column has values 0 and 1 as labels; let's get the counts of these labels for both- 0 and 1.

- #DataFlair - Get the count of each label (0 and 1) in labels
- print(labels[labels==1].shape[0], labels[labels==0].shape[0])

Output Screenshot:

```
[4]: #DataFlair - Get the count of each label (0 and 1) in labels
      print(labels[labels==1].shape[0], labels[labels==0].shape[0])

      147 48
```

We have 147 ones and 48 zeros in the status column in our dataset.