

## LAB ASSIGNMENT

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In [1]: import pandas as pd
import numpy as np
data=pd.DataFrame({"Eyes":["Round","Square","Square","Round","Square"],
"Nose":["Triangle","Square","Triangle","Triangle","Square"],
"Head":["Round","Square","Round","Round","Round"],
"Fcolor":["Purple","Green","Yellow","Green","Yellow"],
"Hair":["Yes","Yes","Yes","No","Yes"],
"Smile":["Yes","No","Yes","No","Yes"]})
```

```
In [2]: concepts = np.array(data.iloc[:,0:-1])
target = np.array(data.iloc[:, -1])
print("Concepts: ",concepts,"\n")
print("Target: ",target)
```

```
Concepts: [['Round' 'Triangle' 'Round' 'Purple' 'Yes']
['Square' 'Square' 'Square' 'Green' 'Yes']
['Square' 'Triangle' 'Round' 'Yellow' 'Yes']
['Round' 'Triangle' 'Round' 'Green' 'No']
['Square' 'Square' 'Round' 'Yellow' 'Yes']]
```

```
Target: ['Yes' 'No' 'Yes' 'No' 'Yes']
```

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In [ ]:
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