from google.colab import files uploaded =files.upload()

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Saving dataset.csv to dataset.csv

import pandas as pd

import numpy as np

df=pd.read\_csv('dataset.csv')

df



	sky	temp	humidity	wind	isplay
0	sunny	warm	high	strong	yes
1	sunny	warm	normal	strong	yes
2	rainy	cold	high	strong	no
3	sunnv	warm	hiah	less	ves

## df.head()



	sky	temp	humidity	wind	isplay
0	sunny	warm	high	strong	yes
1	sunny	warm	normal	strong	yes
2	rainy	cold	high	strong	no
3	sunnv	warm	hiah	less	VAS

## df.tail()



	sky	temp	humidity	wind	isplay
0	sunny	warm	high	strong	yes
1	sunny	warm	normal	strong	yes
2	rainy	cold	high	strong	no
3	sunnv	warm	hiah	less	VAS

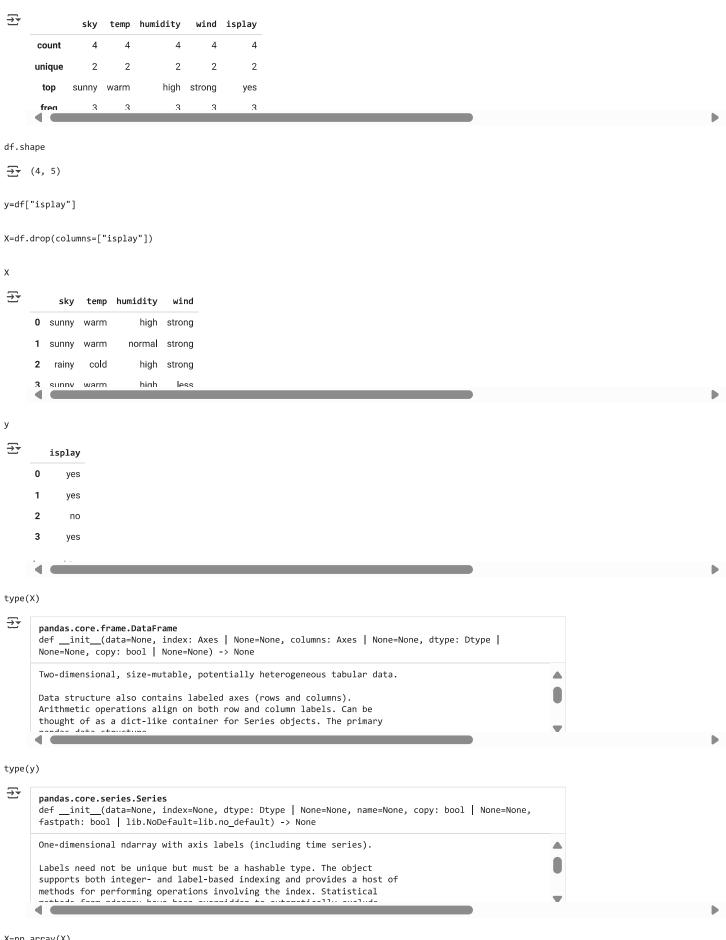
## df.info()

<pr RangeIndex: 4 entries, 0 to 3 Data columns (total 5 columns):

# Column Non-Null Count Dtype 0 sky 1 temp 4 non-null 4 non-null object object 2 humidity 4 non-null object 3 wind 4 isplay 4 non-null object 4 non-null object dtypes: object(5)

memory usage: 292.0+ bytes

df.describe()



X=np.array(X)

```
→ numpy.ndarray
y=np.array(y)
type(y)
→ numpy.ndarray
def train(X,y):
  for i,val in enumerate(y):
    if val=='yes':
      h=X[i].copy()
      break
  for i,val in enumerate(X):
    if y[i]=='yes':
      for z in range(len(h)):
        if val[z] != h[z]:
h[z]='?'
        else:
          pass
  return h
train(X,y)
⇒ array(['sunny', 'warm', '?', '?'], dtype=object)
Start coding or \underline{\text{generate}} with AI.
```