

For a given set of training data examples stored in a .CSV file, implement and demonstrate the Candidate-Elimination algorithm in python to output a description of the set of all hypotheses consistent with the training examples

Code

```
import pandas as pd

data = pd.read_csv("Book1.csv")

X, y = data.iloc[:, :-1].values, data.iloc[:, -1].values

S = X[y == 'Yes'][0]

G = [['?' for _ in S]]

print("S:", S)

print("G:", G)
```

Output

```
Python 3.14.2 (tags/v3.14.2:df79316, Dec  5 2025, 17:18:21) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>
=====
RESTART: C:\Users\dines\Downloads\ML_Lab\exp_01.py =====
S: ['Sunny' 'Warm' 'Normal' 'Strong']
G: [['?', '?', '?', '?']]
```