find-s practical -1st create CSV file then read that file and display in table form.

import pandas as pd  
'''pd.\_\_version\_\_'''  
data\_frame = pd.read\_csv("C:/Users/HP/Desktop/findS.csv")  
print("\n", data\_frame)

Second part - apply find s and show the result.

import pandas as pd  
import numpy as np  
  
*# To read the data in csv file*data = pd.read\_csv("C:/Users/HP/Desktop/findS.csv")  
print("The Data-set For Enjoy Sport Example is:- ")  
print(data)  
  
*# Making an array of all the attributes*d = np. array(data)[:, :-1]  
print("\nThe Attributes are :- ")  
print(d)  
  
*# Segragating the target that has positive and negative example*target = np.array(data)[:, -1]  
print("\nThe Target is :- ")  
print(target)  
  
*# Find S-algorithm - initial and f hypothesis*def train(c, t):  
 for i, val in enumerate(t):  
 if val == "yes":  
 sp\_hp = d[i].copy()  
 break  
 print("\nInitial Hypothesis:- ")  
 print(sp\_hp, "\n")  
  
  
 for i, val in enumerate(c):  
 if target[i] == "yes":  
 for x in range(len(sp\_hp)):  
 if sp\_hp[x] != val[x]:  
 sp\_hp[x] = "?"  
 else:  
 pass  
 print("Hypothesis is:- ", i, "= ", sp\_hp)  
 return sp\_hp  
  
print("\nFinal Hypothesis is :- ", train(d, target))