CS3601   MACHINE LEARNING LAB

EX.NO .1   SPOT QUESTION

Date :05.08.24

•Predict whether the person can play tennis depending on the outlook and wind conditions in the three future days.

o Day 26: (Outlook=Sunny, Wind=Strong) → PlayTennis=?

o Day 27: (Outlook=Overcast, Wind=Weak) → PlayTennis=?

o Day 28: (Outlook=Rain, Wind=Weak) → PlayTennis=?

Dataset Attributes:

• Each instance (example) is represented by the three attributes.

o Outlook: a value of {Sunny, Overcast, Rain}.

o Wind: a value of {Weak, Strong}.

o PlayTennis: the classification attribute (i.e., Yes- the person plays tennis; No- the

person does not play tennis).

Date Outlook Wind PlayTennis

1 Sunny Weak No

2 Sunny Strong No

3 Overcast Weak Yes

4 Rain Weak Yes

5 Rain Weak Yes

6 Rain Strong No

7 Overcast Strong Yes

8 Sunny Weak No

9 Sunny Weak Yes

10 Rain Weak Yes

11 Sunny Strong Yes

12 Overcast Strong Yes

13 Overcast Weak Yes

14 Rain Strong No

15 Sunny Strong Yes

16 Overcast Strong No

17 Overcast Weak Yes

18 Rain Weak No

19 Sunny Weak No

20 Rain Strong Yes

21 Sunny Weak Yes

22 Overcast Weak No

23 Rain Weak Yes

24 Sunny Strong Yes

25 Overcast Weak No