HW5.4

Thursday, April 27, 2023 8:55 AM

Outlook

	N	Y
Sunny	3/6	2/9
overcast	1/6	3/9
Rain	2/6	4/9

	N	Y
S	1/2	2/9
O	1/6	1/9
R	1/3	4/9

No's = 6 = 6/15 = 2/5 = 0.4

Yes's = 9 = 9/15 = 3/5 = 0.6

Data set = 15

Sunny = 5/15 = 1/3

overcast = 4/15 = 4/15

rain = 6/15 = 2/5

Temperature

	N	Y
Hot = 4/15	1/3	2/9
cool = 4/15	1/6	3/9 = 1/3
Mild = 7/15	1/2	4/9

Humidity

	N	Y
High = 8/15	4/6 = 2/3	4/9
Normal = 7/15	1/3	5/9

Wind

	N	Y
weak = 8/15	3/6 = 1/2	5/9
strong = 7/15	3/6 = 1/2	4/9

Overcast Not Normal Weak

NO

4/15 1/6 4/15 1/3 2/15 1/2 8/15 1/2 = 8/540 = 0.0001(6

Yes

4/15 1/3 4/15 2/9 7/15 5/9 8/15 5/9 = 4480/110,716,875 = 0.0004

Yes, they should play tennis it has a higher value