Assignment

Naïve Bayesian Classifier

- Outlook and Humidity are categorical; Temp is measured values; and S-Wind and W-Wind are the counts of wind speed.

	Outlook	Temp	Humidity	S-Wind	W-Wind	Play
1	Sunny	30	High	1	3	No
2	Sunny	31	High	4	2	No
3	Overcast	28	High	2	5	Yes
4	Rain	23	High	1	3	Yes
5	Rain	10	Normal	2	2	Yes
6	Rain	13	Normal	3	2	No
7	Overcast	14	Normal	5	1	Yes
8	Sunny	25	High	2	3	No
9	Sunny	15	Normal	1	2	Yes
10	Rain	22	Normal	0	4	Yes
11	Sunny	19	Normal	3	1	Yes
12	Overcast	20	High	3	2	Yes
13	Overcast	33	Normal	1	2	Yes
14	Rain	18	High	3	3	No

Naïve Bayesian Classifier

Predict yes or no using Naïve Bayesian Classifier

1. Outlook=Overcast, Temp=25, Humidity=Normal, S-Wind=3, W-Wind=2

2. Outlook=Rain, Temp=20, Humidity=High, S-Wind=0, W-Wind=3

3. Outlook=Sunny, Temp=24, Humidity=Normal, S-Wind=4, W-Wind=4

Thank You