

**NEW YORK INSTITUTE OF TECHNOLOGY**  
**College of Engineering and Computing Sciences**  
**Statistics for Data Science (Fall 2022)**  
**Worksheet for ID3 Decision Tree Classification**

Day	Outlook	Temp.	Humidity	Wind	Decision
1	Sunny	Hot	High	False	N
2	Sunny	Hot	High	True	N
3	Overcast	Hot	High	False	P
4	Rain	Mild	High	False	P
5	Rain	Cool	Normal	False	P
6	Rain	Cool	Normal	True	N
7	Overcast	Cool	Normal	True	P
8	Sunny	Mild	High	False	N
9	Sunny	Cool	Normal	False	P
10	Rain	Mild	Normal	False	P
11	Sunny	Mild	Normal	True	P
12	Overcast	Mild	High	True	P
13	Overcast	Hot	Normal	False	P
14	Rain	Mild	High	True	N





