

Exercícios #6

1 - Considerando o seguinte dataset, construa a árvore de decisão que permite a melhor classificação dos dados.

	AI_to_study	Outlook	friends	decision
1	FALSE	Rainy	Available	Go_to_movies
2	TRUE	Rainy	Available	Stay_home
3	TRUE	Rainy	Available	Stay_home
4	FALSE	Rainy	Available	Go_to_movies
5	FALSE	Sunny	Unavailable	Go_to_beach
6	FALSE	Sunny	Unavailable	Go_to_beach
7	FALSE	Sunny	Unavailable	Go_to_beach
8	FALSE	Sunny	Unavailable	Go_to_beach
9	FALSE	Sunny	Unavailable	Stay_home
10	FALSE	Rainy	Available	Go_to_movies
11	FALSE	Sunny	Unavailable	Go_to_movies
12	FALSE	Rainy	Available	Go_to_movies
13	TRUE	Rainy	Available	Stay_home
14	TRUE	Rainy	Available	Stay_home
15	TRUE	Sunny	Unavailable	Stay_home
16	FALSE	Rainy	Available	Go_to_movies
17	FALSE	Sunny	Unavailable	Go_to_beach
18	FALSE	Sunny	Unavailable	Go_to_beach
19	FALSE	Sunny	Unavailable	Go_to_beach
20	TRUE	Rainy	Available	Go_to_beach
21	TRUE	Sunny	Available	Stay_home
22	TRUE	Rainy	Available	Go_to_beach
23	TRUE	Sunny	Available	Stay_home
24	FALSE	Sunny	Available	Go_to_movies