|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| sex | age | Juvenile Crimes | # Prior Crimes | Judge A | Judge B | Recidivated | Score |
| M | 43 | 0 | 3 | No | No | 0 | 2 |
| M | 24 | 3 | 3 | Yes | No | 0 | 5 |
| M | 42 | 0 | 0 | Yes | No | 0 | 4 |
| F | 28 | 0 | 1 | Yes | Yes | 0 | 9 |
| M | 48 | 0 | 1 | No | No | 0 | 1 |
| M | 27 | 0 | 0 | No | No | 0 | 1 |
| M | 36 | 0 | 0 | No | No | 0 | 1 |
| F | 33 | 0 | 0 | No | No | 0 | 1 |
| M | 45 | 0 | 1 | No | No | 0 | 1 |
| M | 38 | 0 | 0 | Yes | No | 0 | 5 |
| F | 24 | 0 | 0 | No | No | 0 | 2 |
| M | 35 | 0 | 1 | Yes | No | 0 | 4 |
| M | 45 | 0 | 3 | No | No | 0 | 1 |
| F | 24 | 0 | 0 | Yes | No | 0 | 5 |
| M | 24 | 0 | 1 | No | No | 0 | 3 |
| M | 39 | 0 | 5 | No | No | 0 | 3 |
| F | 69 | 0 | 2 | No | No | 0 | 1 |
| M | 37 | 0 | 1 | Yes | No | 0 | 5 |
| M | 45 | 0 | 2 | No | No | 0 | 1 |
| F | 40 | 0 | 0 | No | No | 0 | 1 |
| M | 47 | 0 | 0 | Yes | No | 0 | 5 |
| M | 45 | 0 | 11 | No | No | 0 | 3 |
| M | 50 | 0 | 13 | No | No | 1 | 1 |
| M | 31 | 0 | 4 | Yes | Yes | 1 | 8 |
| M | 22 | 1 | 3 | Yes | Yes | 1 | 6 |
| M | 39 | 0 | 1 | No | No | 1 | 2 |
| M | 26 | 1 | 6 | Yes | Yes | 1 | 10 |
| M | 38 | 0 | 8 | Yes | Yes | 1 | 6 |
| M | 33 | 0 | 3 | Yes | Yes | 1 | 6 |
| M | 22 | 0 | 0 | No | No | 1 | 3 |
| M | 30 | 2 | 11 | Yes | Yes | 1 | 9 |
| F | 29 | 0 | 2 | Yes | Yes | 1 | 7 |
| M | 28 | 0 | 0 | No | No | 1 | 2 |
| M | 38 | 0 | 3 | Yes | Yes | 1 | 9 |
| M | 24 | 0 | 3 | Yes | Yes | 1 | 6 |
| M | 23 | 0 | 0 | No | No | 1 | 3 |
| M | 28 | 0 | 1 | Yes | No | 1 | 4 |
| M | 54 | 0 | 2 | Yes | No | 1 | 4 |

1. **Which judge (Judge A or Judge B) was a better predictor of whether a defendant recidivated? Explain your reasoning.**
2. **Write a list of rules to predict whether a defendant recidivated.**

*Example:*

*If* forecast = “Rain” and temperature < 50 *then predict* game\_canceled = “Yes”

*If* forecast = “Thunderstorm” *then predict* game\_canceled = “Yes”

*Otherwise predict* game\_canceled = “No”

1. **(question to be discussed in class)**