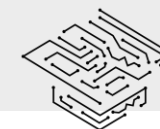
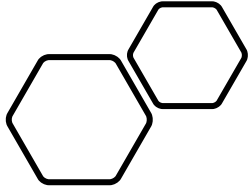


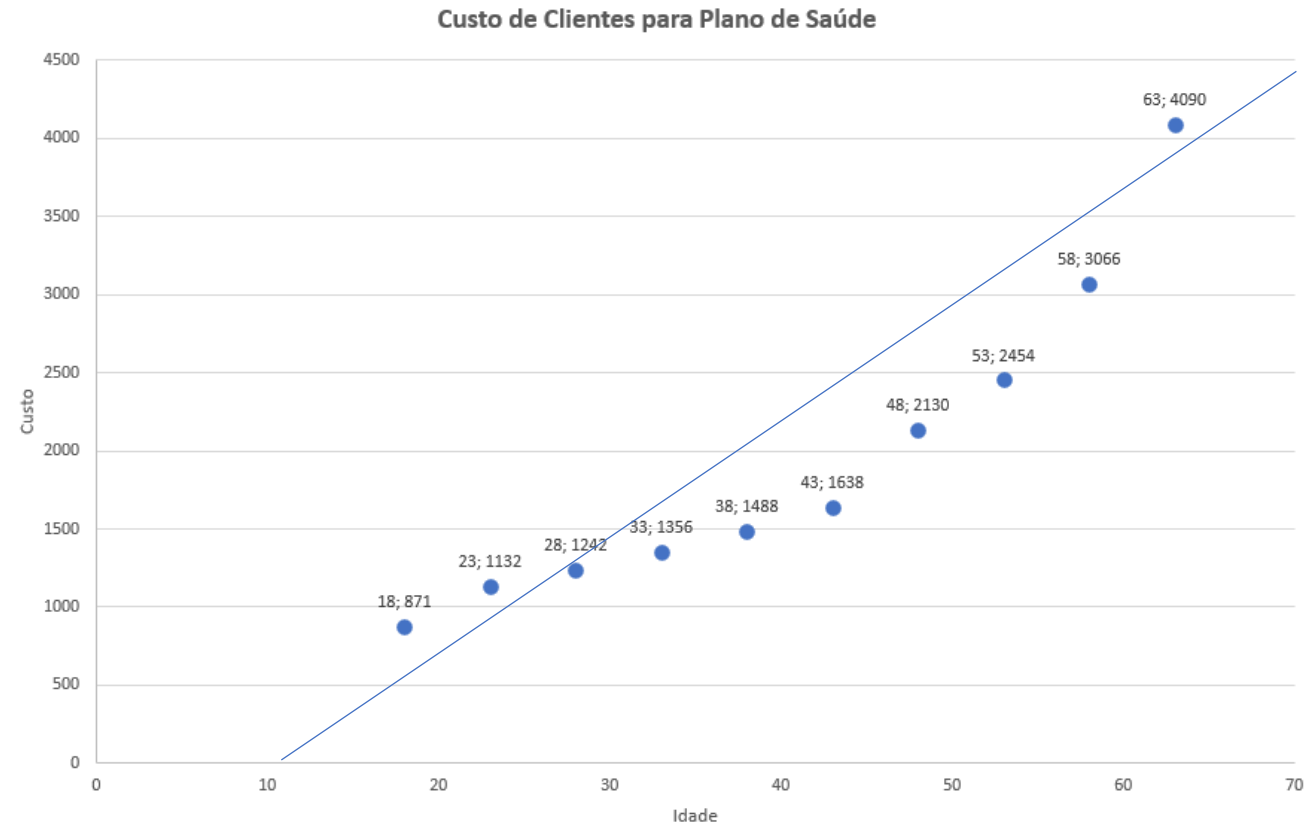
# Modelos White-Box

- Regressão Linear
- Regressão Logística
- Árvores de Decisão
- Regras
- Naive Bayes
- Redes Bayesianas

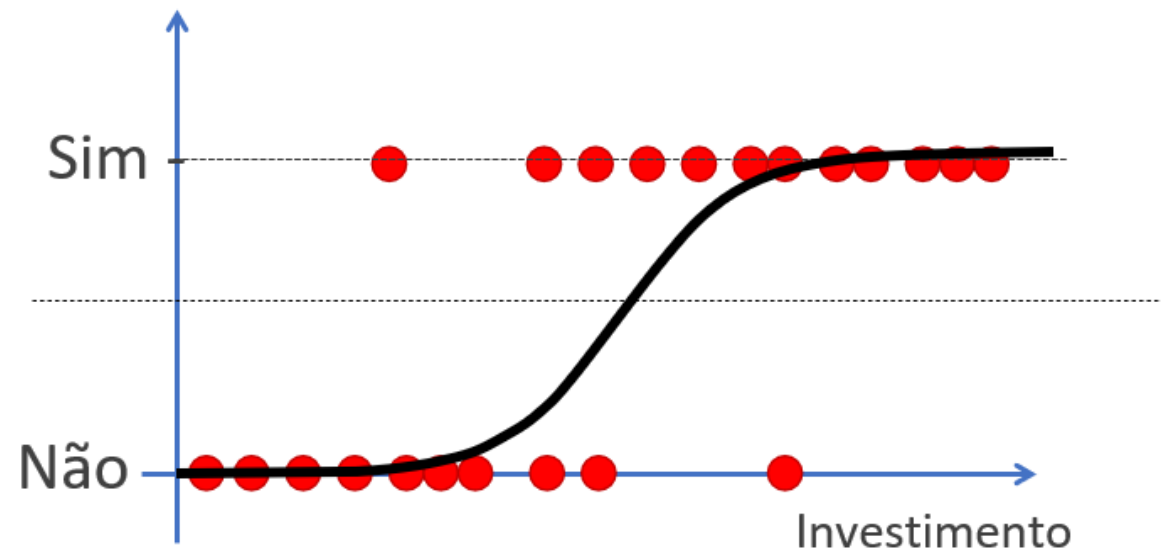




# Regressão Linear



# Regressão Logística



# Árvores de Decisão



# Regras

1. (humidity = high) and (outlook = sunny) => play=no (3.0/0.0)
2. (outlook = rainy) and (windy = TRUE) => play=no (2.0/0.0)
3. => play=yes (9.0/0.0)

# Naive Bayes

Attribute	Class	
	yes	no
	(0.63)	(0.38)
=====		
outlook		
sunny	3.0	4.0
overcast	5.0	1.0
rainy	4.0	3.0
[total]	12.0	8.0
temperature		
hot	3.0	3.0
mild	5.0	3.0
cool	4.0	2.0
[total]	12.0	8.0
humidity		
high	4.0	5.0
normal	7.0	2.0
[total]	11.0	7.0
windy		
TRUE	4.0	4.0
FALSE	7.0	3.0
[total]	11.0	7.0

# Redes Bayesianas

Probability Distribution Table For te... X

play	outlook	mild	hot	cool
yes	sunny	0,429	0,143	0,429
yes	overcast	0,273	0,455	0,273
yes	rainy	0,556	0,111	0,333
no	sunny	0,333	0,556	0,111
no	overcast	0,333	0,333	0,333
no	rainy	0,429	0,143	0,429

