

Quiz 12

Q	Age	stu
1	20	yes

$$P(b \vee y = yes | \hat{x}) = P(\hat{x} | b \vee y = yes) P(b \vee y = yes)$$

$$P(\text{age} \leq 30 | \text{yes}) P(\text{student} = \text{yes})$$

$$P(y | \hat{x}) = \frac{2}{9} \cdot \frac{6}{9} \cdot \frac{9}{14} = 0.095 \quad \text{Minority}$$

$$P(N | \hat{x}) = \frac{3}{9} \cdot \frac{1}{9} \cdot \frac{5}{14} =$$

b \vee y = yes