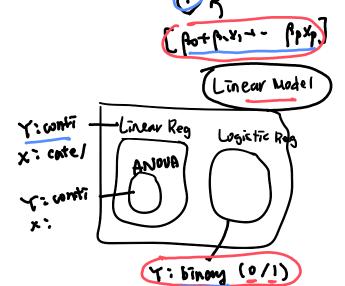


$$\hat{Y} = \beta_0^o + \beta_1^o x_1 + \cdots + \beta_r^o x_r$$



no aucident: 0
< at :1

| (Y) W | | [dis. I no dise | | P(4=1/) = 27 |
|--------------|--------------|------------------|-----|---------------|
| Cor Acrident | # of tickets | deugan | x3 | blazii. |
| 0 | 3 | M | 2 6 | _ |
| 0 | 1 | F | 53 | |
| / | 5 | 7 | 32 | _ |
| / | 2 | Μ | 47 | _ |
| | | | | |

| 9 70 | | | • |
|--------|---|---|---|
| | 3 | M | |
| 1 - 40 | | | |

goal:

Inference / prediction

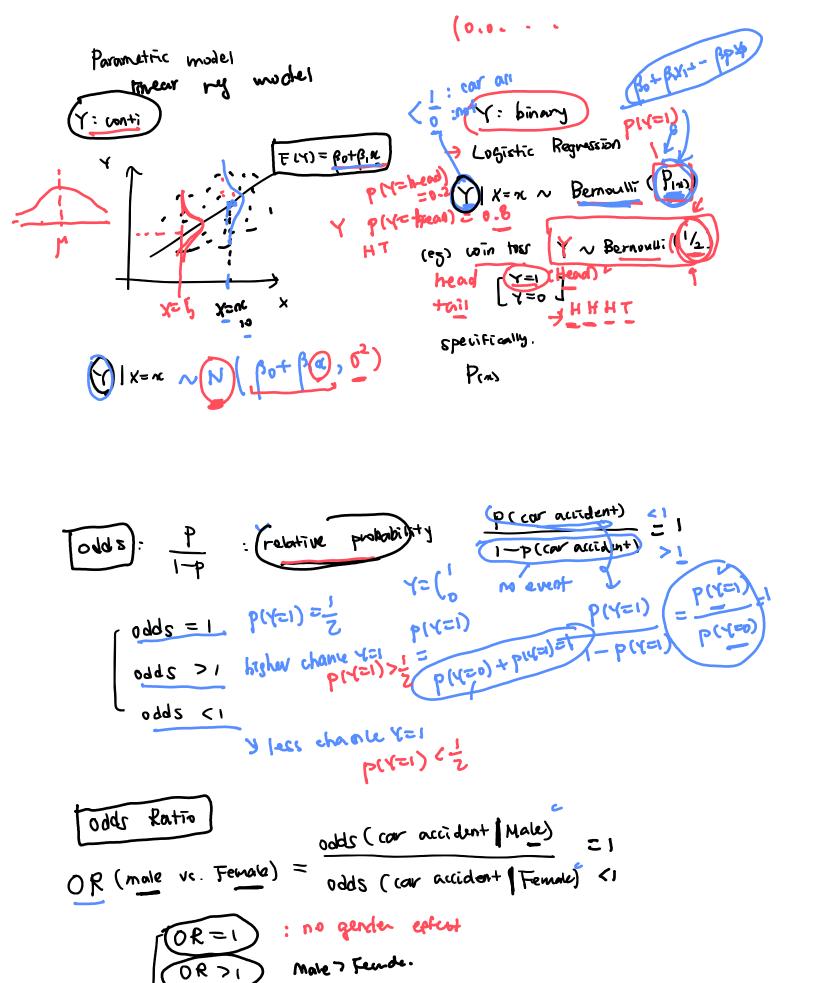
p(x=1 | x=n)

T) and (x)

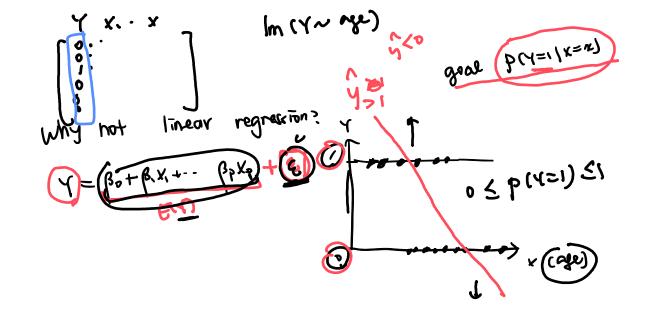
significant relationship?

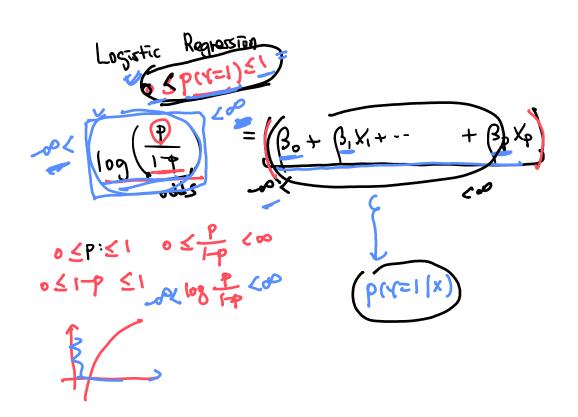
(4)

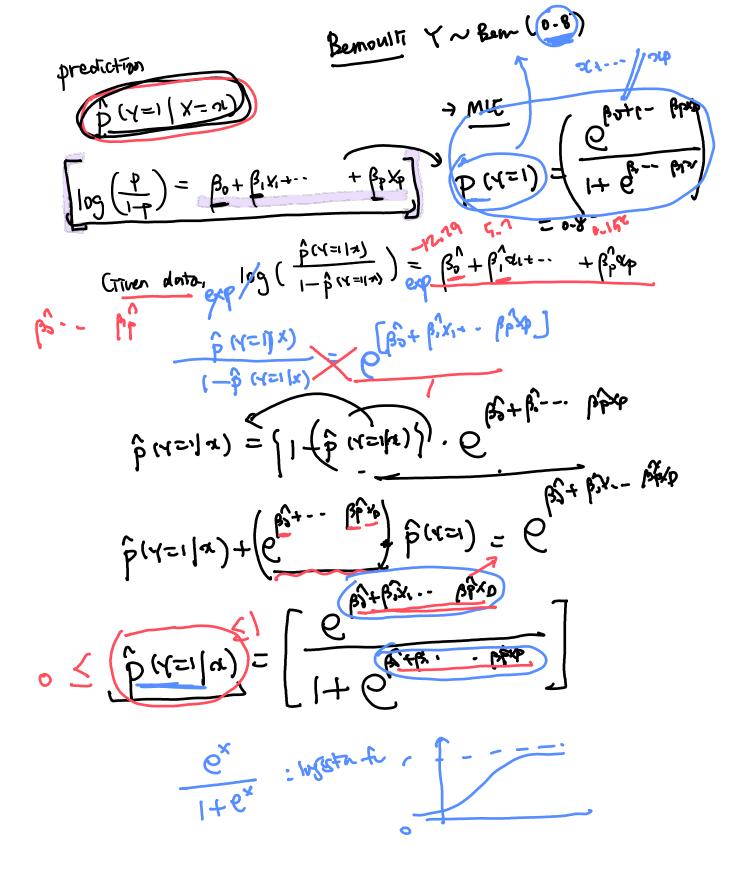
it Ass drougger



Male (Female







ENGLY TS CONTINUES

Y=1 accident
$$\begin{cases}
\frac{X_1}{X_2} : \text{ gonder (mode=0)} / \text{ Female=1} \\
\frac{X_2}{X_3} : \text{ age}
\end{cases}$$

$$\begin{cases}
\frac{X_3}{X_3} : \text{ age} \\
\frac{X_3}{X_3} : \text{ age}
\end{cases}$$

$$\begin{cases}
\frac{X_3}{X_3} : \text{ age} \\
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\end{cases}$$

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\end{cases}$$

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\end{cases}$$

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\end{cases}$$

$$\begin{cases}
\frac{X_3}{X_3} : \text{ age} \\
\frac{X_3}{X_3} : \text{ age}
\end{cases}$$

$$\begin{cases}
\frac{X$$

who will have the highest chance of event?)
Female. your fulett

