$$X_{1}^{(i)} \xrightarrow{\times \beta_{j}} X_{j}^{(i)} \xrightarrow{\times \beta_{j}} \sigma \left(Z^{(i)} \right) = \frac{1}{1 + e^{-Z^{(i)}}}$$

$$Estime$$

$$\hat{\mathbb{P}}_{\beta} \left(Y^{(i)} = 1 \mid X^{(i)} \right)$$