Y

$x_1, \ldots, x_k$

$E(Y|x_1, \ldots, x_k)$

$_1, \ldots, x_k) =$

$\beta_0 +$

$\beta_1 x_1 +$

$\ldots +$

$\beta_k x_k$

$var(Y|x_1, \ldots, x_k) =$

σ^2