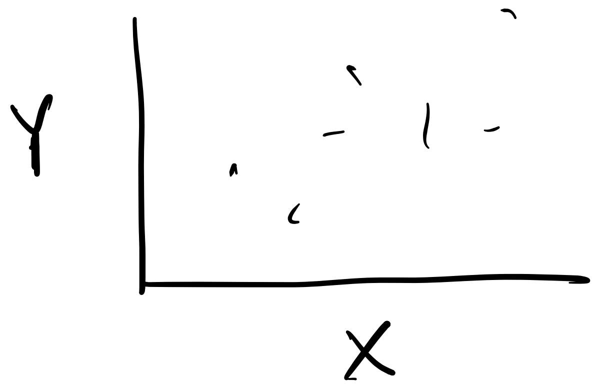


$$\boxed{Y = \beta_0 + \beta_1 X}$$

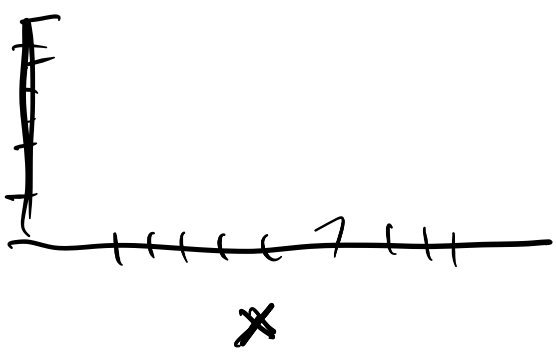
RIGOROUS
NOT IMPACTFUL

$$Y = a X^{\alpha}$$

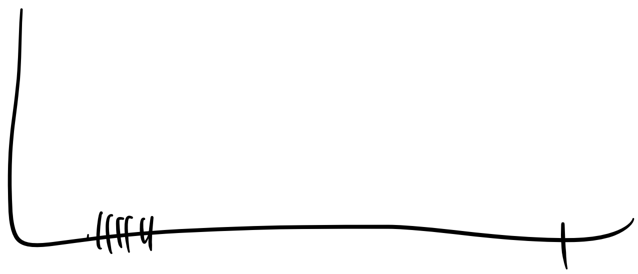
NONLINEAR
LEAST SQUARES
nls()

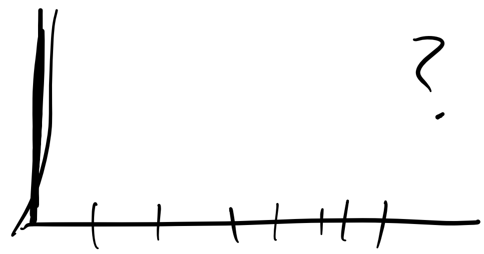
$$\boxed{\log Y, \quad \log X}$$

IMPACTFUL,
LESS RIGOROUS



PART 3





$\sigma \in [100, 2000]$

EVERY 100

UNIFORM RANDOM $\sigma \in [100, 2000]$