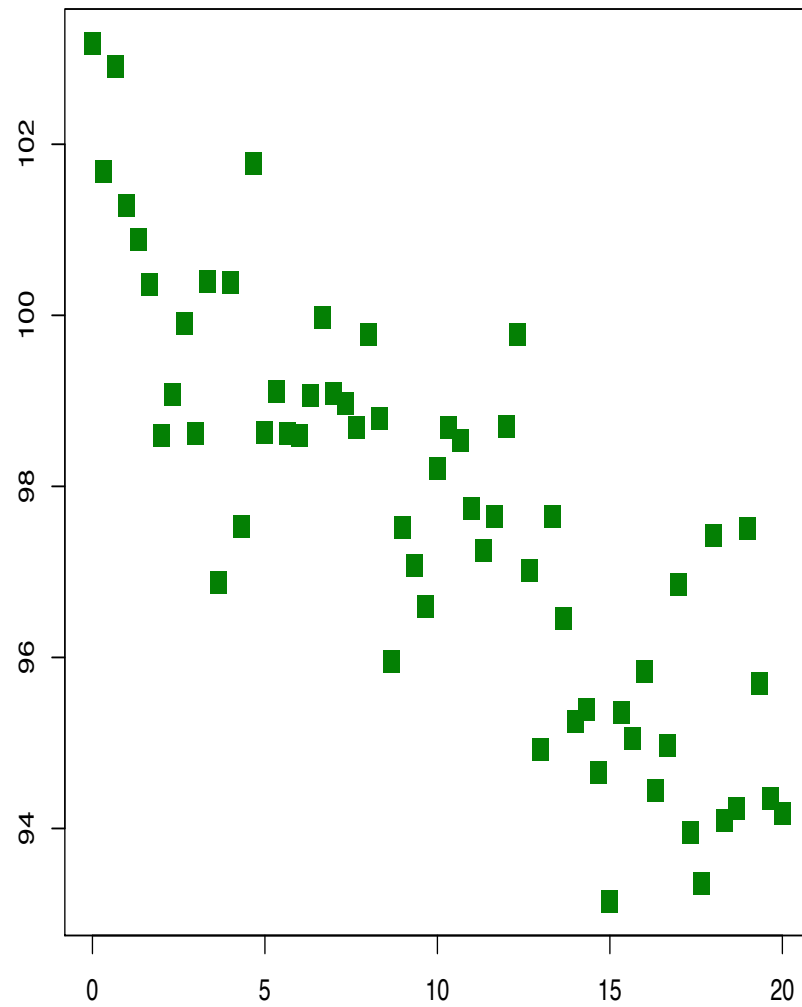
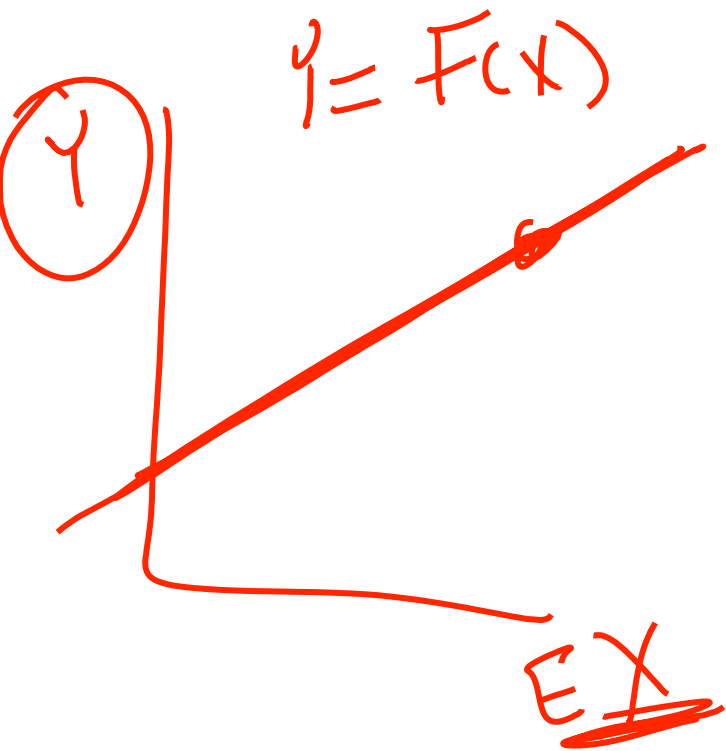


# Model Thinking

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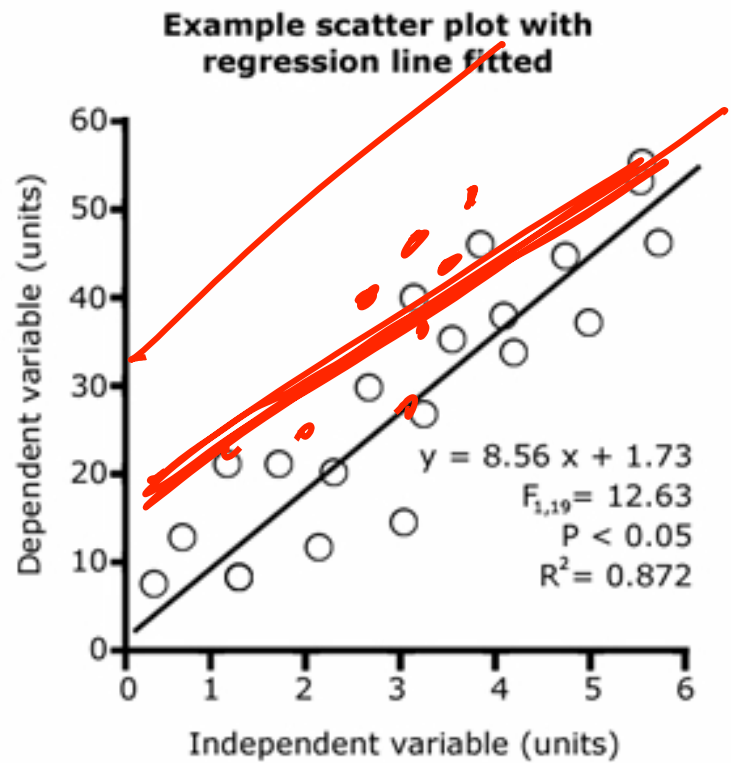


# Categorical Models



Linear Models

# Fitting Lines to Data





# Non Linear Models

$$\hat{y} = \hat{a}_1 x_1 + \hat{a}_2 x_2$$



**Big Coefficient**



# Model Thinking

Scott E Page