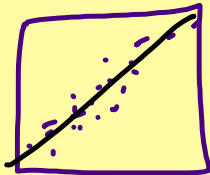


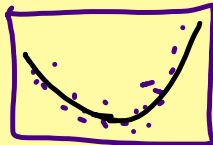
JOURNALS
Dre

Next CLASS!!!

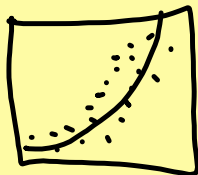
REGRESSION



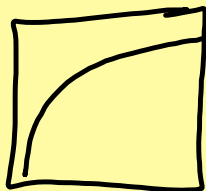
Linear



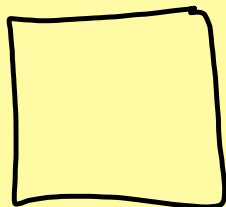
Quadratic



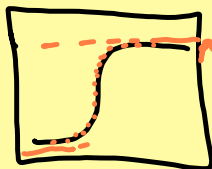
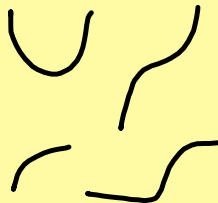
Exponential



Logarithmic
ln regr



Power
 $y = ax^b$



Logistic

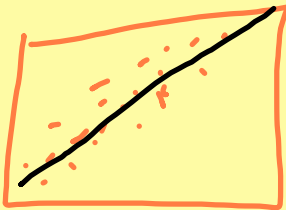
$$y = \frac{c}{1 + ae^{-bx}}$$

carrying capacity

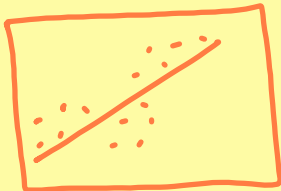
- where curves levels out

To determine best fit:

1)



1) Are the points evenly balanced on each side of the curve? (no clumps)



2) $r^2 \geq 0.75$

r^2 = coefficient of determination
describes how accurately the curve fits the data

r = correlation coefficient
measures the strength of the relationship between the x- + y-coordinates

3) Does the model predict the future accurately?

What is CPI 2023?

year	CPI
2023	250

← Know $x =$ Use Table

Graph & Intersect

$$f_1 = \lg$$

$$f_2 = 250$$