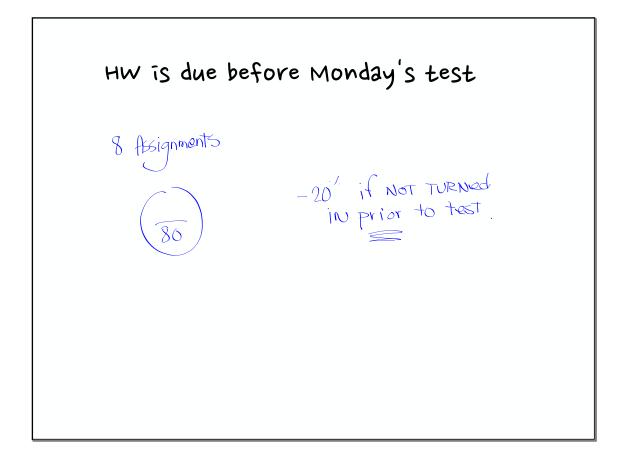
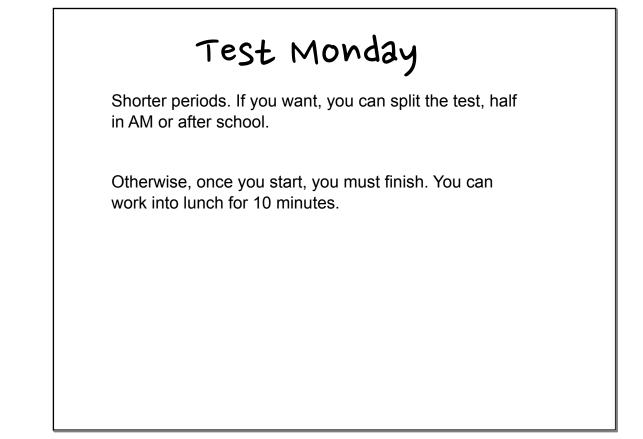
## check the solutions

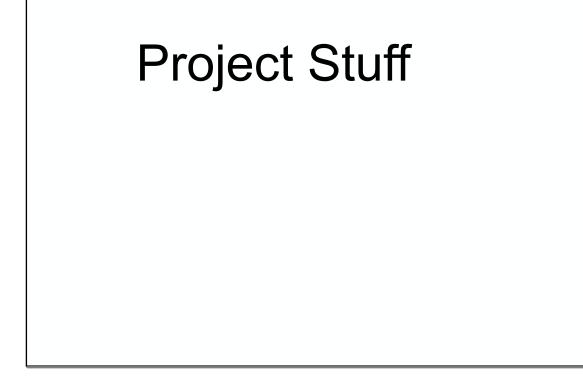
## with your HW

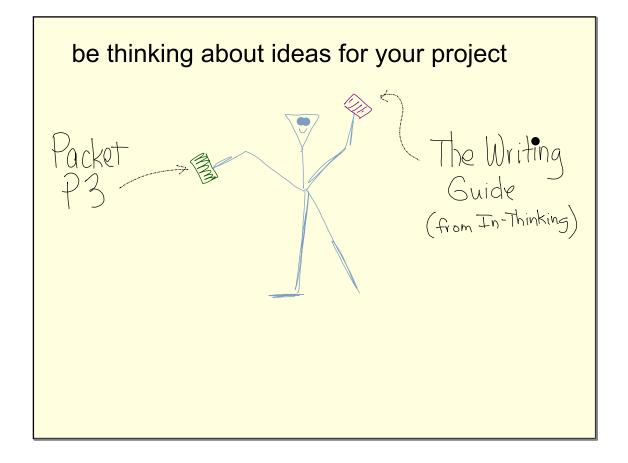
There is no Warm Up

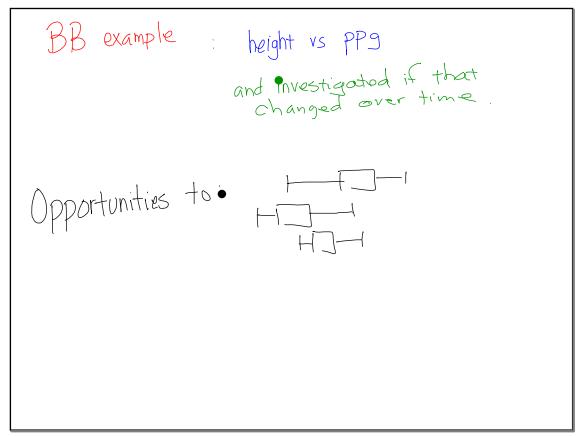




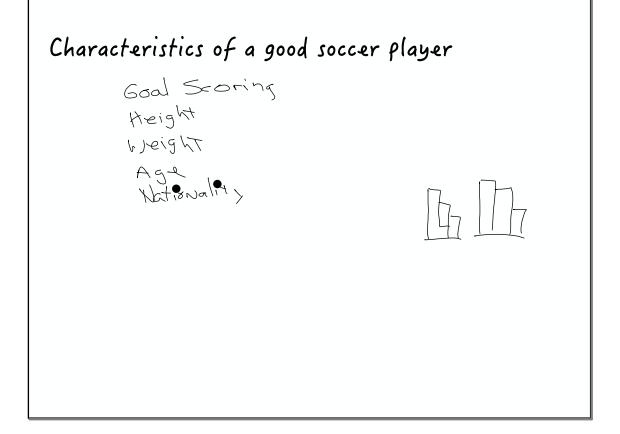
Later: - Study Questions (not turned fn) - Focus on what you need FOUR PRoblem bandout (answers posted) (A, B chi-square (answers posted) (C, D correlation of LSRL (Review Sets A and B) answers posted







Prison population 15. School Funding Possible influences on the number of prisoners NU.S.



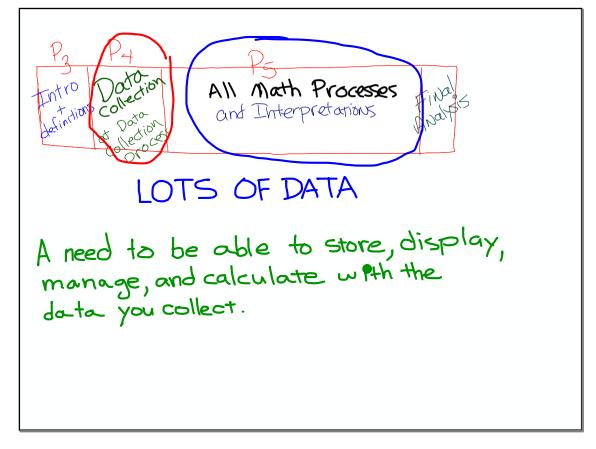
Modeling Find a linear model to prodict the winning hammer throw distances Predict winning distances of hammer throws. (Look at various models) 

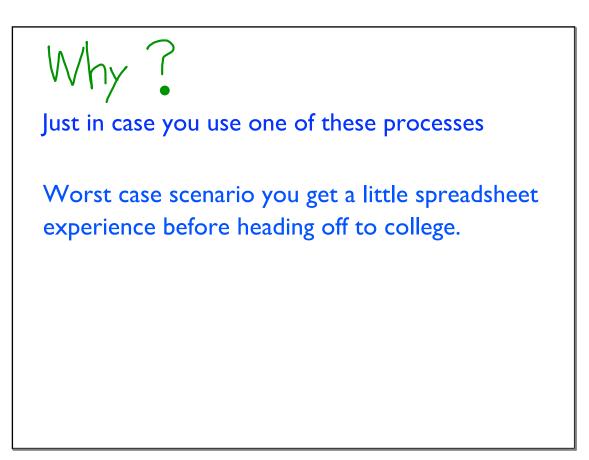
The relationship between the Budget to Produce a Movie and How Much Money the movie makes

## We will use computer spreadsheets to:

1. Calculate the Correlation Coefficient "by formula"

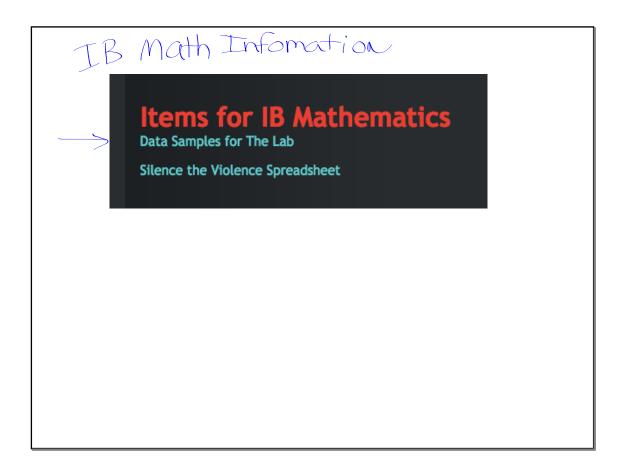
2. Calculate the LSRS "by formula"

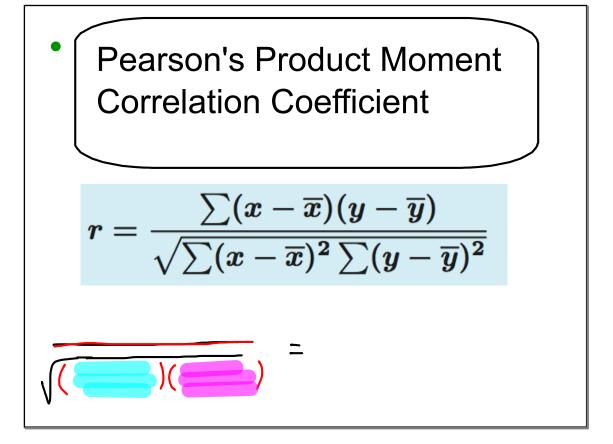


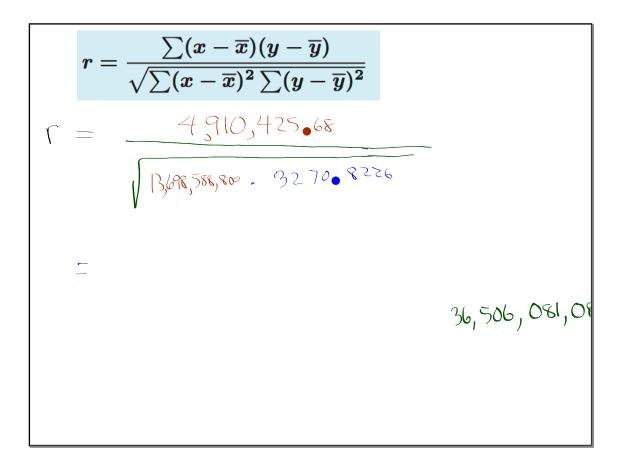


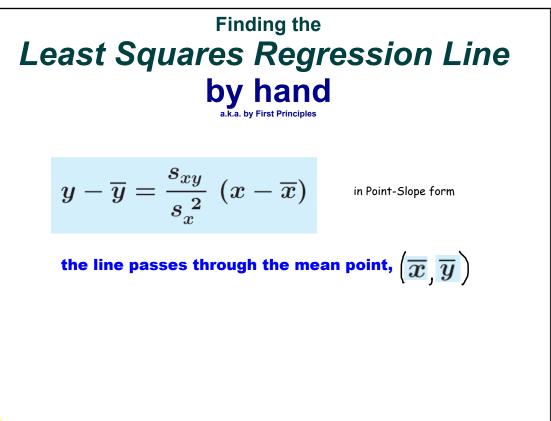
The link to an Data file, called **Data Samples for the Lab**, is located in the class website under "IB-Math Project Information" below Project Resources.

Also notes have your notes









Covariance  

$$\begin{aligned}
S_{xy} &= \frac{\sum (x - \overline{x})(y - \overline{y})}{n} \\
y - \overline{y} &= \frac{s_{xy}}{s_x^2} (x - \overline{x})
\end{aligned}$$

## Return your Laptop

and work the rest of the period on the Study questions

