

# The School and After Hours

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## Visualisations:

1. Pre-feedback: [PISA 2012](#)
2. Final: [PISA 2012](#)

## Summary:

This series of visualization explores the various questions that can impact a child's growth during the school hours, and once he/she is back from school. We also see that there is a high correlation between the following variables 1. Math Avg. 2. Science Avg. 3. Read Avg. 4. Study Hours.

## Design:

The following are the design elements used for the creating the story.

- Bar charts
- Pie charts
- Bubble charts
- Simple scatter plots.

## Feedback:

S. No.	Type	Feedback
1	Peer	Change the story line
2	Expert	Use pie chart instead of bubble chart, for the dashboard – “better than men”
3	Peer	Explore more on the student teacher relationship and attitude toward school
4	Expert	Use “Nuriel Stone” and “Seattle Grays” as colour choices

## Resources:

- PISA <http://www.oecd.org/pisa/>
- PISA in Practice: Cognitive Activation in Maths How to use it in the classroom <https://www.nfer.ac.uk/media/2090/pquk04.pdf>

## Data files:

1. pisa2012.csv – uncompressed data file
2. cleaned\_pisa.csv – wrangled PISA dataset
3. pisadict2012.csv – data dictionary of PISA dataset
4. pisa\_wrangle.ipynb – python code used for cleaning the pisa2012.csv dataset.