

Dataset: PISA 2012.

I wanted to know the student profiles that took the PISA 2012 test.

The variables I chose are the type of population (native or emigrant), countries, scores, wealth and truancy.

The main findings from the exploratory data analysis I obtained were:

- Scores are strong correlated: the higher a student's math score, the better the student's science or reading score.
- First Generation of immigrants is the type with the lowest scores in all the subjects while Natives are the type with the highest scores in Reading and Science.
- Immigrants observe 20% more differences between Host and Heritage Cultures than Natives.
- Asia has the top and 3 of the lowest scored countries.
- Most countries with fewer scores have less wealth.
- Natives have a longer poverty interval than immigrants.
- The greater the truancy, there is a small correlation with less wealth and a clear relationship with a lower score among immigrants.
- Scores are negative correlated with truancy.
- The smallest difference in scores between natives and immigrants occurs among those who skip classes once or twice.

The resources I used where to know more about the exam and meaning of variables:

<http://www.oecd.org/pisa/pisaproducts/>

<http://docplayer.net/26487481-Pisa-2012-technical-report.html>