MENU

Project Proposal (v2)

Performance Analysis of Education According to Various Factors

Education industry is a very large industry according to both size and importance. Governments and/or people spend very large amount of money for this industry, and in return both society and the people who took education benefits from it.

However, there are lots of discussion on the approach to the education. Some people think that the state should provide education to its citizens, whereas others think that private sector can provide better and more efficient service. Also, there is another discussion about the consequences of education. Is it beneficial to the society or to the person more?

In this project, I will analyse the spendings on education both public and private, the distribution of these spendings over education levels (pre-university, university), and the consequences related to the education such as test scores, some prizes or society related topics. Then, I will try to find some correlations about all these factors and consequences.

(According to these correlations, I may develop a model to classify countries in different groups such as developed and developing countries according to their spendings on education and some other indicators.)

Below there are links to some data that may be useful on this project:

Education Spending

https://data.oecd.org/eduresource/education-spending.htm

Private Spending on Education:

https://data.oecd.org/eduresource/private-spending-on-education.htm

Public Spending on Education:

https://data.oecd.org/eduresource/public-spending-on-education.htm

Spending on Tertiary Education:

https://data.oecd.org/eduresource/spending-on-tertiary-education.htm

Main Science and Technology Indicators:

http://stats.oecd.org/viewhtml.aspx?datasetcode=MSTI_PUB&lang=en

PISA Scores:

https://data.oecd.org/pisa/reading-performance-pisa.htm

https://data.oecd.org/pisa/mathematics-performance-pisa.htm

https://data.oecd.org/pisa/science-performance-pisa.htm

Nobel Prize Nomination Archive:

http://www.nobelprize.org/nobel_organizations/nobelmedia/nobelprize_org/developer/

March 2, 2017 / Leave a comment

Project Proposal

Comparison of Public and Private Sector on Education

There is a discussion about the role of the government on different sectors: health, education, social security etc. There are several viewpoints for this question like ethics, efficiency, performance and feasibility.

In this project I will consider efficiency and performance of these both sectors. I will analyse the public and private spendings in different countries and compare them to the indicators of the performance like test results or number of prize winners. In the end of the project, I will try to find out the best approach in education according to efficiency and performance.

Below there are links to some data that may be useful on this project:

Private Spending on Education:

https://data.oecd.org/eduresource/private-spending-on-education.htm

Public Spending on Education:

https://data.oecd.org/eduresource/public-spending-on-education.htm

PISA Scores:

https://data.oecd.org/pisa/reading-performance-pisa.htm

https://data.oecd.org/pisa/mathematics-performance-pisa.htm

https://data.oecd.org/pisa/science-performance-pisa.htm

Nobel Prize Nomination Archive:

http://www.nobelprize.org/nobel_organizations/nobelmedia/nobelprize_org/developer/

-

March 1, 2017 / Leave a comment

PAGE 5 ← →

Search … 🔍

RECENT POSTS

- Reports
  May 19, 2017
- ZeroR Update
  May 19, 2017
- Equal Weight DTCs
  May 14, 2017
- Plan for last phase
  May 12, 2017
- Logistic Regressions for Percentages
  May 7, 2017
- Decision Trees for Percentages
  May 7, 2017
- Processing Data for Percentages
  May 7, 2017
- Confusion Matrices
  May 3, 2017
- Comparison of Different Models
  April 29, 2017
- Logistic Regressions
  April 29, 2017
- SVMs
  April 29, 2017
- Decision Trees
  April 29, 2017
- Linear Regressions
  April 29, 2017
- Getting and Processing Data
  April 29, 2017

Home

About

Follow ...