

Research Project Proposal: Young people survey

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Find the personality traits of the young people basis the responses recorded in the survey. Interesting relations like movie preference based on the personality traits, hobbies& interest can be drawn out. Inclination of the youth towards watching a movie or buying a particular kind of music may be commented using the spending habit data. In the project, I am planning to use clustering, classification, linear and logistic regression so as to do the analysis

Background:

Survey conducted in 2013 so as to understand the preferences of young individuals of Slovakian nationality. The survey asked its participants a range of questions such as music and movie preference, phobia, spending habit etc. Each of the response was recorded on the scale of 1 to 5, with 1 being the lowest (Strongly disagree) and 5 being highest(Strongly agree). The age bracket chosen for the survey was 15 to 30 years.

The responses include a wide variety of selections/columns which give enough details about the characteristic/personal traits and preferences of young individuals.

Data Source :

<https://www.kaggle.com/miroslavsabo/young-people-survey/data>

Algorithms :

1. Liner Regression
2. Logistic regression
3. Clustering

References:

1. Jekaterina Kokatjuhha – Exploratory Analysis on the data
<https://www.kaggle.com/jkokatjuhha/we-are-from-our-childhood>
2. Thomas Geraint Adams : Linear Regression in Python
<https://www.kaggle.com/tgtads/linear-regression-in-python>
3. <https://www.kaggle.com/mikesch/who-are-the-money-savers>