EDUCATION AND LIFE OUTLOOK ANALYSIS

Intro to Data Analysis

Section 112

The #1 Team

Marist College

School of Computer Science and Mathematics

Submitted to:

Reza Sadeghi

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Project Report of Education and Life Outlook Analysis

Team Name: The #1 Team

Team Members:

Beck Towne………………………….… beck.towne1@marist.edu (Team Head)

My name is Beck Towne. I am a Sophomore at Marist University majoring in Computer Science and Data Science. I chose to work with Rich as I know him to be a reliable and intelligent person. We have worked together on class projects before and we were easily able to collaborate and create a presentation both of us were proud of. We decided I would be team head since I created our report document and made the classroom announcement declaring our group's goal. Despite this declaration, we do intend for the project work to be 50/50.

Rich Vultaggio.………………..…richard.vultaggio1@marist.edu (Team Member)

My name is Richard Vultaggio, I go by Rich and I am a Sophomore From Long Island. I recently just switched from Computer Science to Data Science and I have a minor in Spanish. I am looking forward to working with Beck as she and I have worked on projects in the past in a chemistry class we took together and we gave amazing presentations. Beck was decided as the team leader as she took lead in creating the document and putting our team together.

Github Repository Address:

https://github.com/RichVult/112_Education-and-Life-Outlook-Analysis_The-1-Team.git

Project Overview

The goal of this project is to investigate whether or not there is any correlation between a person's education level and their overall outlook on life. The data used in this project will be sourced from the General Social Survey's results from 2022. Using this data, we will examine the respondents' education level and compare this to their answers regarding their perceived overall happiness, willingness to trust others, the fairness of life, and more. The specific variables we intend to use are EDUC, HAPPY, LIFE, HELPFUL, FAIR, and TRUST. The details of these variables are as follows:

EDUC- The respondent's level of education

HAPPY- Taken all together, how would you say things are these days--would you say that you are very happy, pretty happy, or not too happy?

> **Possible answers:** very happy, pretty happy, not too happy

LIFE- In general, do you find life exciting, pretty routine, or dull?

> **Possible answers:** exciting, routine, dull

HELPFUL- Would you say that most of the time people try to be helpful, or that they are mostly just looking out for themselves?

> **Possible answers:** helpful, self-centered

FAIR- Do you think most people would try to take advantage of you if they got a chance, or would they try to be fair?

> **Possible answers:** advantage, fair

TRUST- Generally speaking, would you say that most people can be trusted or that you can't be too careful in dealing with people?

> **Possible answers:** yes, no

Our hypothesis at this time is that higher levels of education correlate with a more positive and optimistic outlook on life.

Related Work

IMPACT OF EDUCATION ON OPTIMISM/PESSIMISM

By Dr. D.L. Pareek & Ms. Neerja Sharma

This experiment looks at the relationship between one's optimism and outlook on life and the highest education their parents reached.

This could be very helpful to us as it provides us a lot of insight to how education can affect the optimism or pessimism of the people around you. Along with its relatively large sample size of 250.

This might not be perfect as it is not exactly what we are asking but only closely related.

Does Higher Education Increase Hedonic and Eudaimonic Happiness?

By Boris Nikolaev

This study looked at an individual's general life happiness and satisfaction, and whether or not they had received a college degree. This is a very useful study as it directly asks the same question as we do, and gives evidence towards our claim that receiving a college degree does lead to an increase in general happiness.

Education, wages and job satisfaction

By Cecilia Albert and María Angeles Davia

This study looks at life/job satisfaction and its correlation with higher education.

This study is good as it gives insight into how the two things are related, but also

points out some possible confounding variables, such as wage.

Project Merits

The results of this study are relevant to a variety of individuals and organizations. Firstly, many individuals considering the pursuit of higher education hope that doing so will lead to a happier, more fulfilling life. Should we find that educated people have a more positive outlook on life, this could sway these individuals' decisions on the subject. The inverse would therefore have the opposite effect. In the same respect, our findings may be relevant to educational institutions. If this study shows that people with more education are more positive, this could be used to the advantage of college recruiters. The inverse is true for those attempting to recruit for trade schools or other alternatives to college. Finally, the interpretation of this data could be a gateway to further study. Should the results show a correlation (positive or negative) between education and life outlook, further investigation could be done to discern the reason for this correlation, leading humanity to a greater understanding of what makes a person happy.

References

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