

Correlation between education and career success in various segments

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Is it really necessary to have a degree to be successful?

Abstract

Success and education do not always go hand in hand.

To prove this subject this research gives you a detailed insight with facts and figures to prove that not every person needs to be educated to be successful hence

“Education is not always the key to success”

This study is to prove the inverse relation between education and success, this study categorised success into 3 major segments (1) businessmen (2) actors/artist (3) sports stars and evaluated the results of correlation between success and educated by taking a sample of 20 from each field then concluded a comparative analysis followed with an holistic analysis of the results then finally a primary research was done on a sample of 56 people and evaluated them on the bases on their GRIT score and found out the correlation among their grit scores and education this is an quantitative research where collected data was analysed with statistical procedure i.e., SD, correlation and mean the results in each field had inverse correlation strong enough to prove that the hypotheses is true although the sample for each field in small but performed an integrated research and the primary survey a clear and strong inverse correlation is seen.

Introduction

It's a myth that success and education go hand in hand.

Success and education are two different parameters. Accomplishment of aim and purpose is the meaning of success whereas education can be termed as gaining systematic instructions.

When you get education, you perceive knowledge about things, life, people, etc.

Separating success and education is hand but not impossible. When you get education, you get knowledge to live a professional life. Thus, it is said that “Education is the key to success.”

But even without education, one can achieve success because of factors like talent. Also does not guarantee success. Education is the base of one's life being successful and for acquiring knowledge.

A person can be successful if he or she is knowledgeable in at-least one field of his or her own interest and knowledge and wisdom comes from education.

Education plays a very important role for a person in societal environment. It has allowed the society to succeed socially and economically by developing cultures and values.

Objective

Show a negative correlation between success and education.

Literature Review

Education and success go hand in hand. Education helps people to become successful. This “education is the key to success.” However, the correlation between education and success is always visible. Education is in two forms i.e. “formal” and “informal”. Formal education deals with a modern type of education. Classrooms or lecture halls are the places people go to learn. People who go through formal education become literate. Someone might school to become a doctor. This person will use his knowledge to heal the sick. Informal education gives people knowledge in a particular field of work. It doesn’t need classrooms nor lecture halls. Your family or friends can teach how to do a certain job. People learn a trade from others become successful. A friend can teach me how to do plumbing. That is informal education. It can help you taste success.

Education makes us aware of knowledge, skills, ethics present in the world which helps to progress. Without education one is deprived of valuable information and wisdom that makes us successful. Every individual has certain qualities, aptitude, thoughts, and creativity. But all is a waste if not guided by proper education. No doubt that to be successful hard work is must but without education, it will not yield any results.

One can achieve success with or without education in many ways. If you are dropping out of school, note that its not the end. You may take advantage of informal schooling, such as trade, carpentry, painting, etc. You should do all those kind of employment without schooling to enjoy a good life. The most fascinating part is that with their future jobs, some people are raised. People do not really need schooling as such. God has given men the gift to use it for their own good. Only look around, there are plenty of talented people with or without qualification in music, acting, if you have talent don’t waste it.

Education is of great importance in the lives of young adults. Schooling not being the major part of everyday life, education is a decisive factor for the future. Its is believed to be the key for social mobility. This applies to all children, of course, but may be of even more importance for second-generation youth. Education success is related to the opportunities and chances in the education system as such, but it also has a correlation with the individual characteristics of students and their parents. Besides the achievement in primary and secondary education, a study od young adults experiences in school and the relationship between education and the parental home is also important.

In entrepreneurial selection, it has been observed that there is an unclear linkage between general education and entrepreneual success in comparison to specialised entrepreneual knowledge. Also, ambition, talent and passion play an important role.

A potential overlap of intelligence, interest and personality is to be established. Consideration of intelligence-as-typical performance provides a basis for evaluation of intelligencepersonality and intelligence-interest relations. J.H.Holland’s model of vocational interest talks about the same.

According to a study conducted by PsycINFO students who have higher grades choose to have a field-independent works whereas the students with low grades tend to choose a fielddependent work.

The problem arises when the student is excellent in performing the activities while studying it but fails to apply it in real life. For instance, in medical field it is difficult to find a successful

medical person as there are chances of that person being successful in medical school but may fail in practicing medicines in real life.

Human Capital is also very important for the success of any business. A positive correlation has been observed between human capital and career success. According to the study human capital can also be used to forecast the success of any career or business.

Success and education are two different parameters. A connection between these two depends on how different people understand and interpret. The basic purpose of all people in this world is to succeed both in their lives and for that they go for education, bearing in mind that education is the first step towards success. On the contrary, there are number of people successful in their lives and for that they haven't taken the route embraced by education.

Those who are passionate about their dreams and who show true perseverance to fulfil their dream achieve success in their lives and for that they don't just depend on education like Sachin Tendulkar, Sania Mirza, Lata Mangeshkar, Swami Vivekananda etc. Education makes a person intelligent but for achieving success one has to be focused and determined.

No, education is not required to achieve success: Success depends on an individual's capacity to use his talent and creativity in the most efficient manner.

Research Gap and Hypothesis

Most of the above-mentioned literature reviews will give you an understanding that education and success are correlated, but in actual it is not. The basis of research ahead is to conclude with a deeper understanding of the subject and show an inverse relation through correlation as tool to evaluate the data then introducing the topic GRIT into the study by comparing grit scores to the education where education is converted into numerical values by assigning values according to the weightage

The assumptions made in this particular research is that the success of a person is determined by his/her

Net worth/Rank points

The success is evaluated in three fields

1. Sports
2. Business
3. acting

Grade points/education points are allocated as below:

- For school – 5 points
- For Degree – 10 points
- For PG or higher – 15 points

Primary research is conducted for finding relation between grit and education point to evaluate grit score a standard 12 grit test was conducted in a survey and using the education point standard the study was conducted

Research Design

The research design used is descriptive resign design, as descriptive research is more structured and formal in nature and also the research is derailed explanation of the phenomena under study. The research has mainly used case study of the following top 10 actors, businessman and sportsmen comparing and analysing the relation of their success and academic qualification.

The cause and effect research refer to a relationship between two phenomena in which one phenomenon is the reason behind the other. In our research the cause is the education of an individual and the effect is his or her success.

The enquiry research used is mixed research as both quantitative and qualitative methods are taken into consideration, as the research consist of educational achievement of 10 celebrities in individual fields i.e. sports, science, politics, actors and business; and also we study that whether education is important to be successful, this type of method is mainly quantitative and as defined them according to their richness so that methods come under quantitative methods of research also. So it is a mixed method.

The application research is applied data or secondary data because the data collection is through online method and books. The information which is collected from other research or investigative body is called secondary data. The data which are used are income and their education qualification and from which institutes they got their education done.

Data for sports person

| | | | education point | net income (in names millions) | Correlation |
|--------|-------------------|--------|-----------------|--------------------------------|-------------|
| TOP 10 | | | | | |
| 1 | Roger Federer | | 10 | 106.3 | |
| 2 | Cristiano Ronaldo | 5 | | 105 | |
| 3 | Lionel Messi | 5104 | | | |
| 4 | Neymar5 | 95.5 | | | |
| 5 | LeBron James | 5 | | 88.2 | |
| 6 | Stephen curry | 10 | | 74.4 | |
| 7 | Kevin Durant | 10 | | 63.9 | |
| 8 | Tiger woods | 1062.3 | | | |
| 9 | kirk cousins | 10 | | 60.5 | |
| 10 | Carson Wentz | 10 | | 59.1 | |

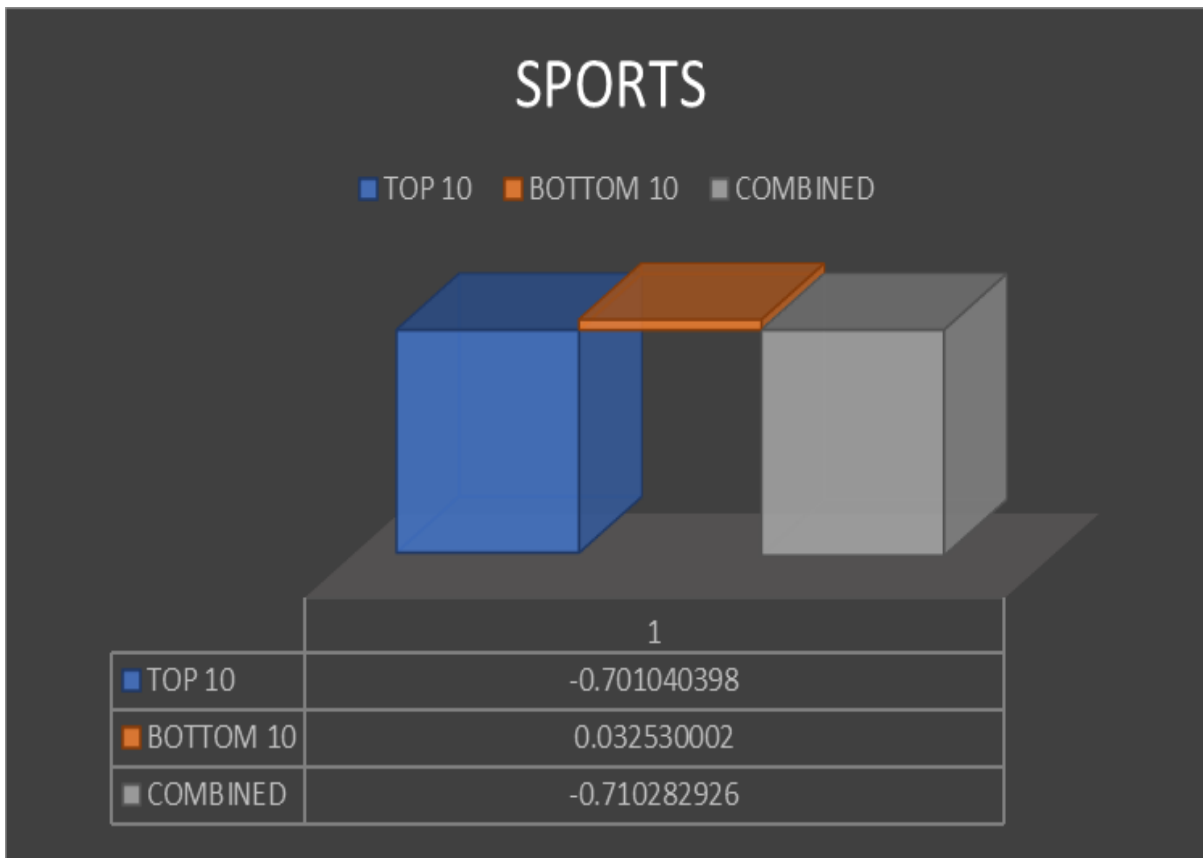
-0.701040398

BOTTOM

| | | | |
|----|--------------------|----|------|
| 10 | | | |
| 41 | Ben Roethlisberger | 10 | 23 |
| 42 | Andrus peat | 10 | 22.7 |
| 43 | Andre Drummond | 15 | 22.6 |
| 44 | D.J. Reader | 10 | 22.4 |
| 45 | Quinan Williams | 10 | 22.4 |
| 46 | Bradley Beal | 15 | 22.3 |
| 47 | Cam Newton | 15 | 22.2 |
| 48 | Calais Campbell | 10 | 22.1 |
| 49 | Derick Carr | 10 | 21.8 |
| 50 | Sergio Ramos | 10 | 21.8 |

0.032530002

COMBINED CORRELATION BETWEEN EDUCATION AND INVOME FOR DATA = -0.71028



This chart shows the correlation between education and this success
 This data is the list of top 50 sports stars who were listed by the forbs in the year 2020 this data is segregeted into top 10 and bottom 10 of the sample 50 and conducted a comparative

analysis of the relation between their education point and their net income as we can see high inverse correlation between education and income and there is slight positive relation of bottom 10 sports men as the sample is small, hence we can't make any bold statements but with the given data we can conclude that

In sports the player gets payed based on his/her skill of that game and in order to harness this skill one should put in hours of practice and dedication on should devote themselves to the game and give their best schooling could distract them and as the results show people who focused on harnessing their skill right after their high school had more chance of landing up in top 10 moreover, there are schools for sports where students are taught both academics and sports simultaneously where thy emphasise more on improving the skill for the sport and their overall fitness
hers what successful sports people have to say about schooling

Cristiano Ronaldo – I Still remember my teacher telling me that football wouldn't give me anything to eat
Students who are willing to choose sports as their career option, instead of quitting school could get into schools which focuses more on sports and also teaches academics simultaneously this gives students more room and time to focus on improving their skill and they could also graduate without affecting their career

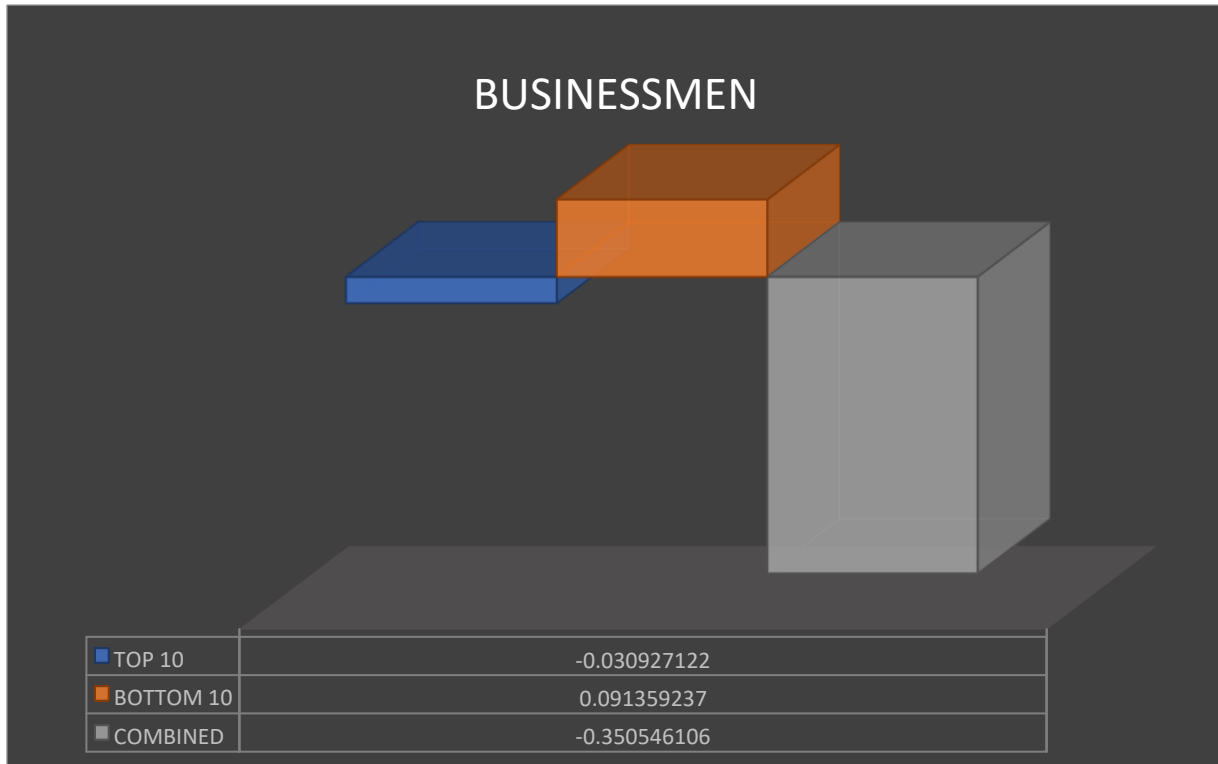
Data of businessman

| | names | education point | net income (billion) | correlation |
|-----------|---------------------|-----------------|----------------------|-------------|
| TOP 10 | Jeff Bezos | 10 | 118.7 | -0.03092712 |
| | Bill Gates | 10 | 113.7 | |
| | Bernard Arnoult | 5 | 110.3 | |
| | Mark Zuckerberg | 5 | 96 | |
| | Warren Buffett | 10 | 79.6 | |
| | Mukesh Ambani | 10 | 76.7 | |
| | Elon Musk | 15 | 76.7 | |
| | Steve Nallmer | 10 | 71.4 | |
| | Larry Ellison | 5 | 71.2 | |
| | Larry page | 5 | 67.4 | |
| BOTTOM 10 | William Lel Ding | 10 | 28.1 | |
| | Dietrich Mateschitz | 10 | 27.5 | |
| | Lee Shau Kee | 15 | 27.3 | |
| | Giovanni Ferrero | 10 | 26.8 | |
| | LI Ka-shing | 10 | 26.3 | |
| | Len Blavatnik | 15 | 26.1 | |
| | TakemitsuTakizaki | 5 | 25.1 | |

| | | |
|-------------------|----|------|
| Vladimir Potanin | 10 | 24.7 |
| Alin Wertheimer | 15 | 24.6 |
| Gerard Wertheimer | 10 | 24.6 |

0.091359237

COMBINED CORRELATION BETWEEN EDUCATION AND INVOME FOR DATA = - 0.350546106



This data is the list of top 50 entrepreneurs who were listed by the forbs in the year 2020 this data is segregated into top 10 and bottom 10 of the sample 50 and conducted a comparative analysis of the relation between their education point and their net income

Here the chat shows inverse correlation between education and net income only way to evaluate the success of a business man in his field is his net income

This data is the list of top 50 business men who were listed by the forbs in the year 2020 this data is segregated into top 10 and bottom 10 of the sample 50 and conducted a comparative analysis of the relation between their education point and their net income

As we can see there is inverse correlation between income and education we Can come to an understanding that it not completely true that degree is the only way to get successful and respectable in life it true that education helps one get a decent job but when it comes to innovation, risk management, passion. and strong will power these are the things which make up a good entrepreneur its clearly noticeable that most of top 10 entrepreneurs did not peruse post-graduation instead they started early by stepping in into the business These are some top entrepreneurs sharing their taught about their education

"I think college is basically for fun and to prove that you can do your chores, but they're not for learning,"- Elion Musk

Data of actors

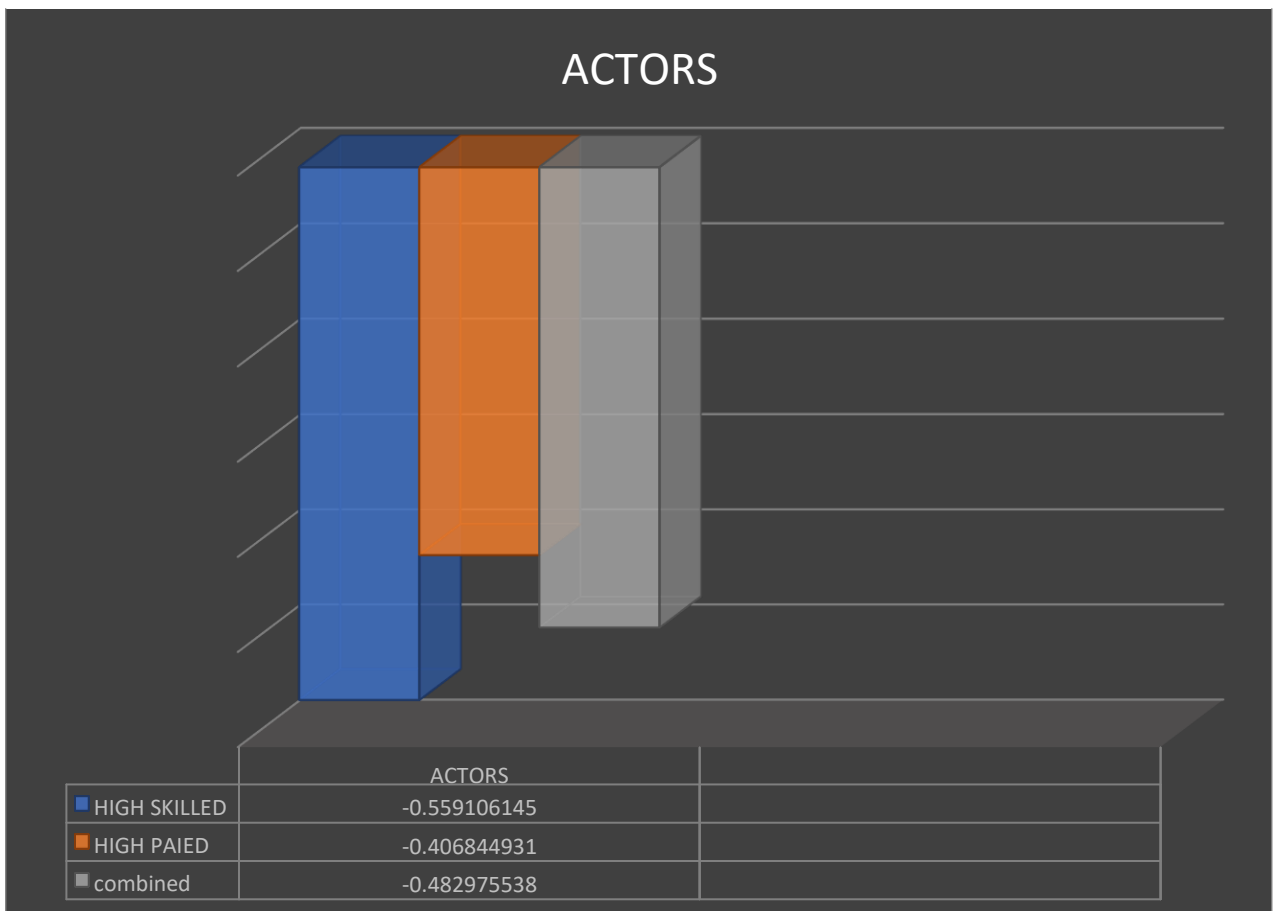
| | | | | rank point | |
|-------------|-------------------|-----------------|------|------------|--------------|
| BEST ACTORS | names | education point | rank | | correlation |
| | Glenn close | 5 | 1 | 10 | |
| | Judi Dench | 5 | 2 | 9 | |
| | Robert de Niro | 0 | 3 | 8 | |
| | Leonardo DiCaprio | 0 | 4 | 7 | |
| | Morgan freeman | 5 | 5 | 6 | |
| | tom hanks | 10 | 6 | 5 | |
| | Anthony Hopkins | 5 | 7 | 4 | |
| | Samuel I Jackson | 10 | 8 | 3 | |
| | Frances McDormand | 15 | 9 | 2 | |
| | Helen Mirren | 5 | 10 | 1 | |
| | | | | | -0.559106145 |

| HIGH PAID ACTORS | names | education point | net income (in millions) | correlation |
|------------------|------------------|-----------------|--------------------------|-------------|
| | Dwayne Johnson | x10 | 320 | |
| | Chris Hemsworth | 10 | 130 | |
| | Robert Downey jr | 5 | 300 | |
| | Akshay Kumar | 5 | 150 | |
| | Jackie Chan | 5 | 370 | |
| | Bradley cooper | 10 | 100 | |

| | | |
|--------------|----|-----|
| Adam Sandler | 10 | 420 |
| Chris Evans | 10 | 70 |
| Paul Rudd | 10 | 70 |
| will smith | 5 | 350 |

0.40684493

Combined correlation = -0.482975538



This data was from business insider 2020 and conducted an analysis individually and holistically

For this field (ACTING) there are two types of categories where people are said to be successful

- Actors who received more awards for the performance
- Actors who get high pay for their performance

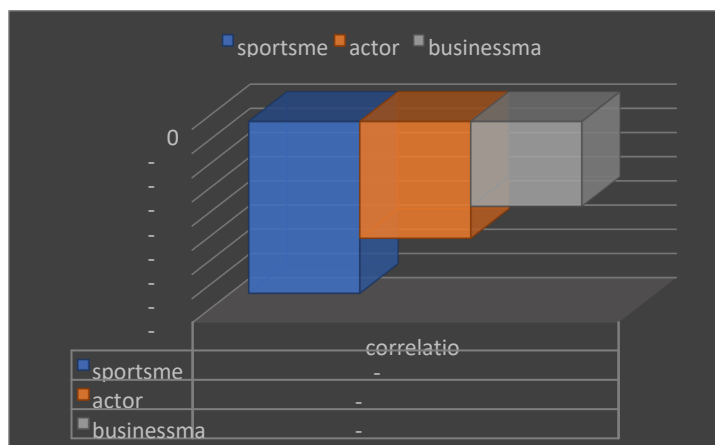
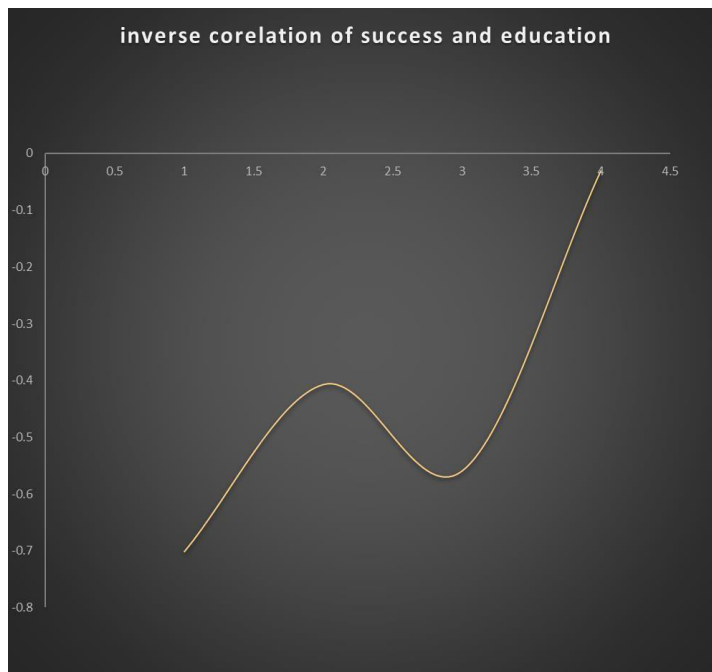
And each of their individual results show highly inversive correlation which concludes that academic education is not required to be a successful actor

The following are the reason that actors are not dependent on college to be successful

- the academy won't teach them the skillset they need to pursue acting unless it is an course related to acting
- acting is more about fame and skill a person is not likely to be successful is if he equipped with either of them
- most of the best performing actors have started their carrier as child actors and improved their skill overtime
- most of the highly paid actors became famous overtime by taking up roles of superheroes or other main roles in commercial movies

Wholistic Analysis of Data

Taking all the data on hand from all the three fields and mapped into graphs one could see the correlation of education and data as the following graphs



In inverse relation is clearly seen and there is variation in the graph but there is no strong evidence to prove that the hypothesis is wrong and the correlation of the data is below 0 and is negative hence there is no sign of positive correlation or any error in the study.

Survey for primary research

Sample study

For this study sample consists of 56 people with large spread of differences in terms of age, gender, or income and conducted a Grit test using google forms as a platform information such as names, income, education were gathered and then followed up with 12 Grit analysis questions which are to be answered on a scale on 1-5 and evaluated in the following way ***For questions 1, 4, 6, 9, 10 and 12 the following points were assigned:***

- 5 = *Very much like me*
- 4 = *Mostly like me*
- 3 = *Somewhat like me*
- 2 = *Not much like me*
- 1 = *Not like me at all*

For questions 2, 3, 5, 7, 8 and 11 the following points were assigned:

- 1 = *Very much like me*
- 2 = *Mostly like me*
- 3 = *Somewhat like me*
- 4 = *Not much like me*
- 5 = *Not like me at all*

Add up all the points and divide by 12. The maximum score on this scale is 5 (extremely gritty), and the lowest score on this scale is 1 (not at all gritty)

The goal was to do a comparative study among grit score and their education what is Grit and why are we using in this in terms of measuring or evaluating success

GRIT

Grit can be defined as the passion and consistent efforts put on a long-term goal with minimal or no incentives in near future - *Angela Duckworth*

It is simply a calculative study of noncognitive skills possessed by an individual and research show that these skills can be improved

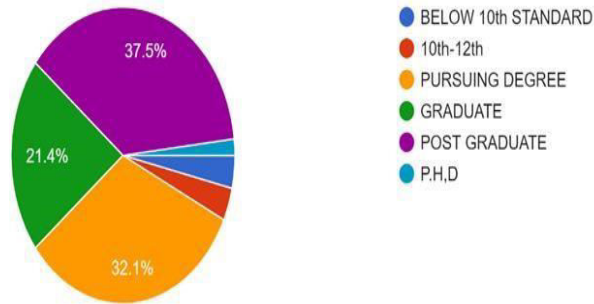
SAMPLE: -

randomized people with different educational background with different income and also various profession

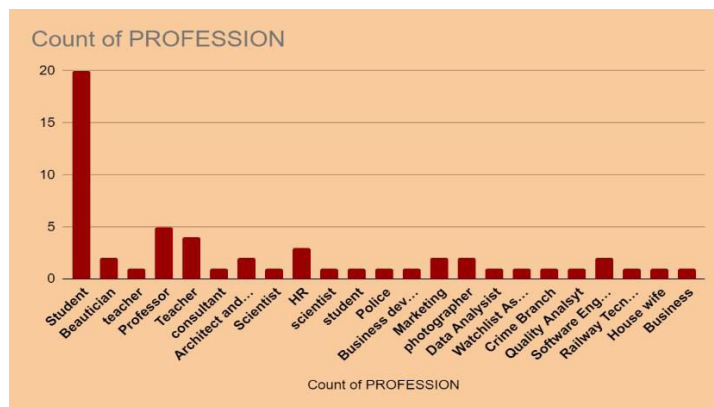
Education

EDUCATION

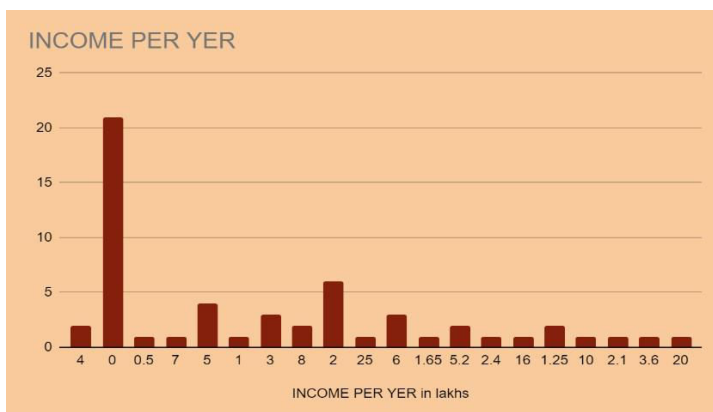
56 responses



Profession



Income



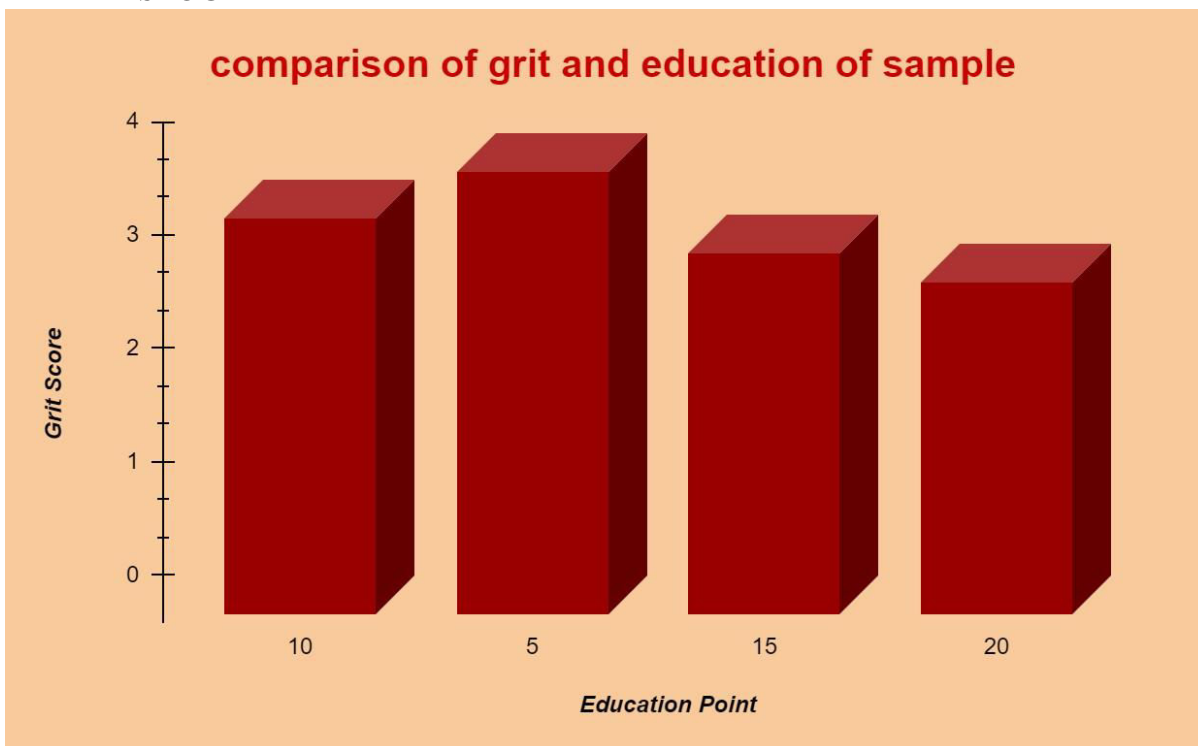
Results

To draw out the results first I calculated their Grit score as mentioned above then education is categorized as following grade points

| | |
|------------------|----|
| Below graduation | 5 |
| Graduation | 10 |
| Post-graduation | 15 |
| PDH | 20 |

After assigning the score and grade points I made a histogram to draw out the conclusion

HISTOGRAM



As there is high differences in number subjects based on their education average of the values have been in each segment of education to avoid any error

This histogram shows there is no relation between education point and their Grit score moreover the lowest education segment has scored highest scores in Grit and vice-versa

Conclusion

This research shows a quantitative approach on the study of success and education this research was conducted by allotting the numerical value to the as per their weightage of the education and then evaluating the results using correlation as tool and then analysing the results for different fields. Success is very idiomatic in nature and not something that can be defined by generalising but many philosophers and religious and spiritual preachers believe that success is having the control in life if one is able to control the situation and circumstances and events in his life, he is tend to be successful there is other theory saying that one is said to be successful is he achieves self-satisfaction through himself here in this study success is evaluated in terms of income, rank or position and grit scores Angela Duckworth

(THE GRIT) said that Grit test is the way to calculate success by adding on that success is proportional to The Power of Passion and Perseverance. With consistency and passion, one is more likely to be successful than the person who is naturally talented. This research after analysis could conclude that to be successful there are many factors effecting the journey of success and its not true to completely relate education to success. There is no denying that education plays a very critical role in everyone's life's but it is not the most important factor, having a passion and consistently working towards the goal and not giving up is essential for one to be successful so we can safely conclude that although education in important its not essential to be successful.

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THE BUILDING BLOCK OF SUCCESSFUL ENTREPRENEURS

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