

Slide 1.



Introduction

This presentation is based on a task that I was given to carry out research on Grit by psychologist Angela Duckworth (2016) and watch the popular TED lectures, viewed approximately 20 million times to date. Duckworth (2016) defines grit “as a personality trait combining perseverance (resilience) and passion (direction)” and is a characteristic successful people share. As this is an academic piece of work, I will include in text citations acknowledging the authors and sources used and bibliography, Harvard style. Duckworth invented a novel way of measuring grit. Basically, the self-assessment test determines the degree of talent, understanding and passion and involving answering ten questions with a degree of math required to attain a number from 0-5. Duckworth (2016) explains that the closer the number is to five (on the Grit scale), the more chance you have of being successful, whether you are still in school or studying at university. This assessment is robust and reliable and has been used extensively which I feel is good for students like myself to use and believe findings to be true.

This experience has enhanced my knowledge and understanding to be open minded in my opinions as I am shy and not outspoken. It has helped me to focus on moving forwards with passion to succeed, aiming towards being grittier for my future goals. Grit signifies dedication through years of research into reasons why some people succeed while others fail. Perseverance towards attaining long-term goals enables people to fulfil obligations (Duckworth, 2017). This assessment is useful for first-year students, demonstrating how they can develop grit through being focused and committed and having values.

Slide 2.



Angela Duckworth.

- The work I am going to be researching in this presentation will be based on his lady who is a professor in mastusass University.
- This lady has invented an idea about grit.
- His she credible in what she saying.

(Angela Duckworth 2013).

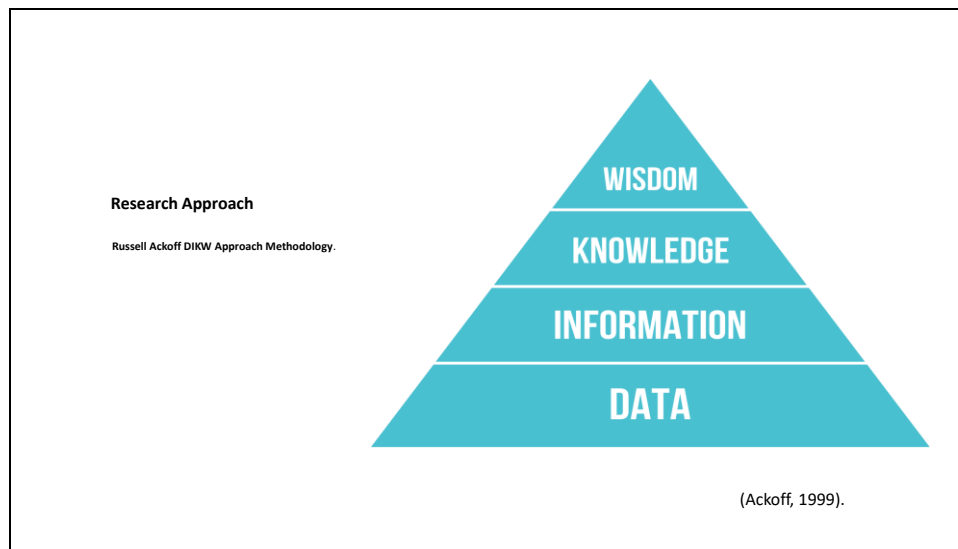
This research is based on a task I am presenting on how students can develop Grit by Angela Duckworth (2016). This is a credible source about how to reach potential and achieve success which is measurable. Duckworth is a psychologist and a professor at the University of Pennsylvania who investigates who is successful and why? She studied children and adults in different settings she and went to West Point Military Academy to predict who would stay in military training and who would drop out. Within this context we can be able to predict the drivers for future long-term goals. For Duckworth (2017) “Grit is the power of passion and perseverance. “

I believe that Duckworth is reliable and credible, and I respect what she is saying as she has been on the TED circuit many times (Duckworth, 2013). I am unsure if she is accurate in all she is saying, but from my perspective I think she is doing this for all the right reasons, she has met the children she has cared for and wants to help. In my opinion I believe she meets the (CRAAP) test for:

- Currency – associated with credibility relevance, authority, accuracy and purpose.
- Relevance: the importance of the information. I do think that Duckworth is accurate in relation to the topic and at an appropriate level after looking at different variety sources.

- Authority: I think that Duckworth has the authority and is qualified to write on this topic. She has appeared on the TED lecture over a million times. This person is someone to respect and thallus in what she is saying.
- Accuracy: I think Duckworth has the accuracy and truthfulness from where her information comes from and is supported by evidence, however, I am not sure if it is accurate and what are the reasons, she is doing this research. does this information exist? I do think she is accurate within this research.
- Purpose: What is the purpose of the information - is it to entertain or persuade? Is this information fact and is what she is saying is true? Looking at all factors within Grit and what I have learnt so far about political, cultural, religious and ideological factors on institutional or personal biases the information is correct and meets the CRAAP test as she clearly wants to help people.

Slide 3.



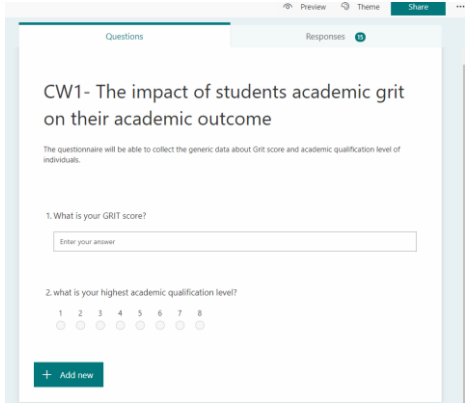
The research approach will be based on the “Data, Information, knowledge and Wisdom” (DIKW) methodology by Ackof (1999) and is based on collecting primary data which is normally used in the form of quantitative research which we collected from the grit score within an academic context. Primary information can then be read and from this we were able to compare the secondary data, which is a source what someone else has done and this is what we used in class (using Microsoft forms) and questions were based on Duckworth’s grit questionnaire (2016).

This research methodology is based on developing new knowledge by transforming data into information then into knowledge and then finally into wisdom. The research approach is represented as a pyramid. Each bit of data and information has meaning that is used to create knowledge and understanding and to add value. According to Ackoff (1999) there is relationship between gathering the meanings and transforming data to produce information, knowledge and wisdom and collectively they represent how the human brain thinks in different ways and can be categorized.

Slide 4.

Collection of Data .

- This is a screen shoot of the survey that we used a piece of soft wear called Microsoft Forms.
- I then created the survey, which was then shared amongst people in my group.
- We used it as a URL. Students use MS Forms/ Excel to show their emerging digital skills.



[Impact of Students Academic Grit](#) (26 November, 2021).

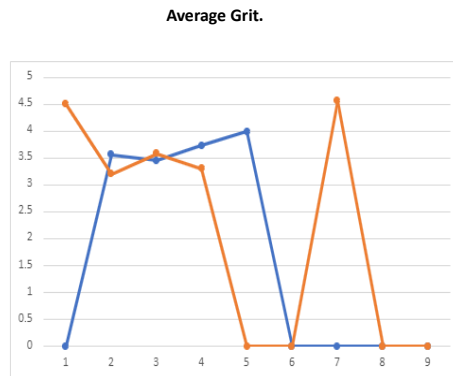
Getting meaning from data using Micro Soft forms collected data interviews can be used to collect first-hand information, also different experiments and questionnaires can also be used to measure data. Quantitative data is in numerical form, for example, the number of students that selected me, this was then able to retrieve my grit score Qualitative data is based on views and feelings and values that cannot be used in a numerical form, both have different meanings, but they also connect. I some sense.

Data that was collected within the survey questionnaire using Microsoft Forms; this was processed from the data collected which was then generated by the other students, identifying the data that was used in excel to retrieve the responses of 15 people that chose me.

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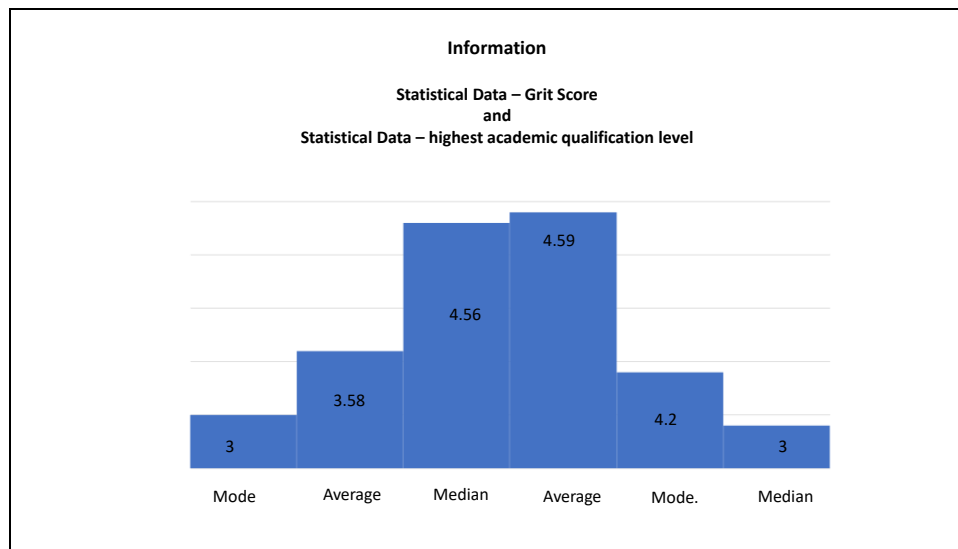
Data to Information.

- Data Information Average Grit,(2021).



'Data to information' is how Students were able to create the line graph chart by doing different level of steps to show how to create data and showing in this draft the data created in this manner, represented in the graph chart form makes more understanding has and readable. Within the survey of responses from the number of people that selected me. At Level 3 this showed that my academic level should be at level 4, within this context based on the blue trendline which is pointing upwards. This concludes that the analysis is showing that within the draft I am heading in the right direction, I believe that this lady is correct in what she is saying towards the bigger the grit score makes me moderately gritty. This means enhancing my knowledge and having more passion and insight, being able to aim towards trying to improve my academic skills also to focus on achieving how to be more passionate. Towards that future valuable goal to be more gritter for future life working hard, having that knowledge to reach that pacific individual short and long -term successes/

Slide 6.

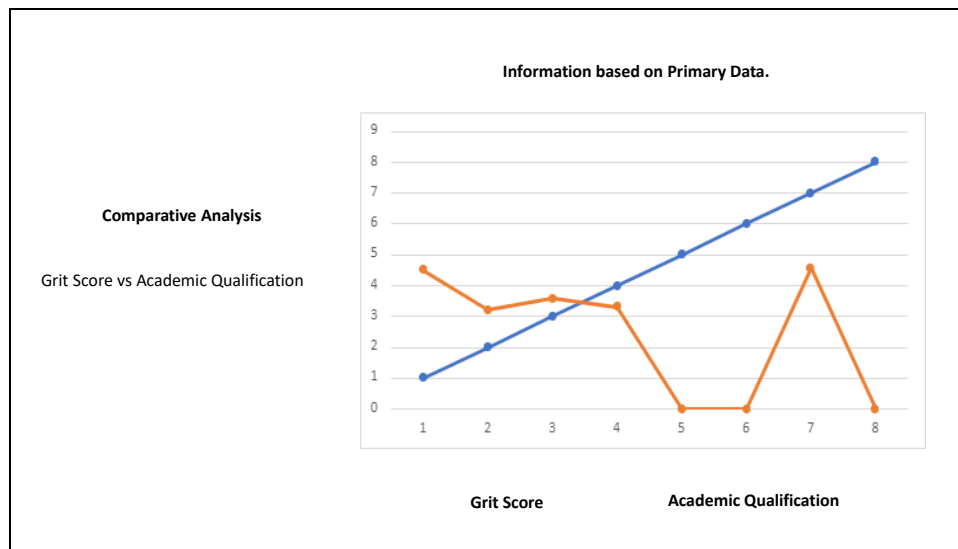


Impact of Student's Academic Grit (2021)

Information within this draft is based on statistical data of grit score and the statistical data within my highest academic qualification level, to find out how gritty a student is data information that is generated which at times is very difficult to assess. The data that has been processed putting it into a form of context which is the second stage of the DIKW Pyramid, collecting data information in this form can help to find answers to questions that begin with such “words as who, what, when, where and how many” (Ackoff, 1989).

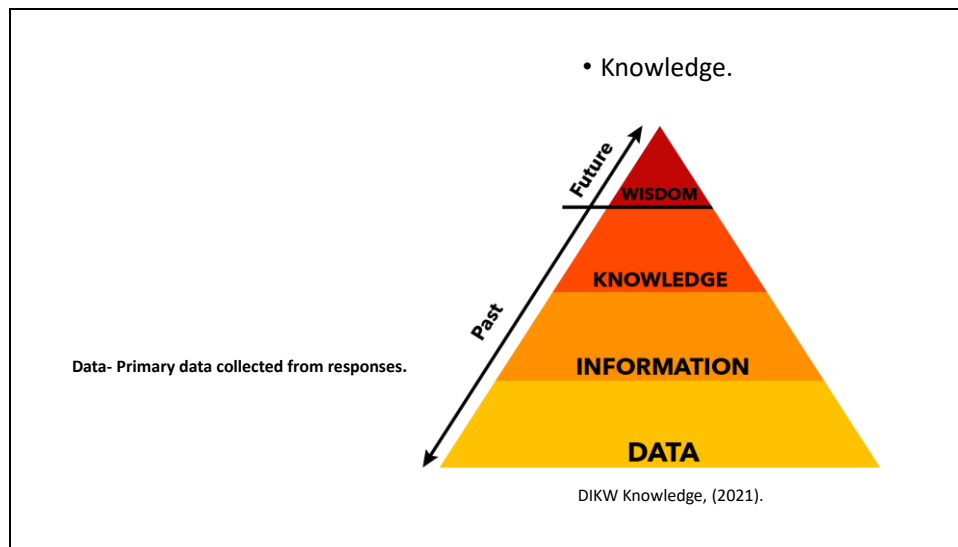
Furthermore, this can help to make the right decisions for that future aims information in this form has meaning, comparing my grit score and highest academic qualification level my grit score was 4.59, which makes me bit gritty, my average academic qualification level at present is 3.58 which is almost close to my actual current level 4. The score that we collected from within the class meets my current academic level, these indicators represent who I am the information that was obtained provides meaning to the raw scores which was obtained in this chart.

Slide 7 .



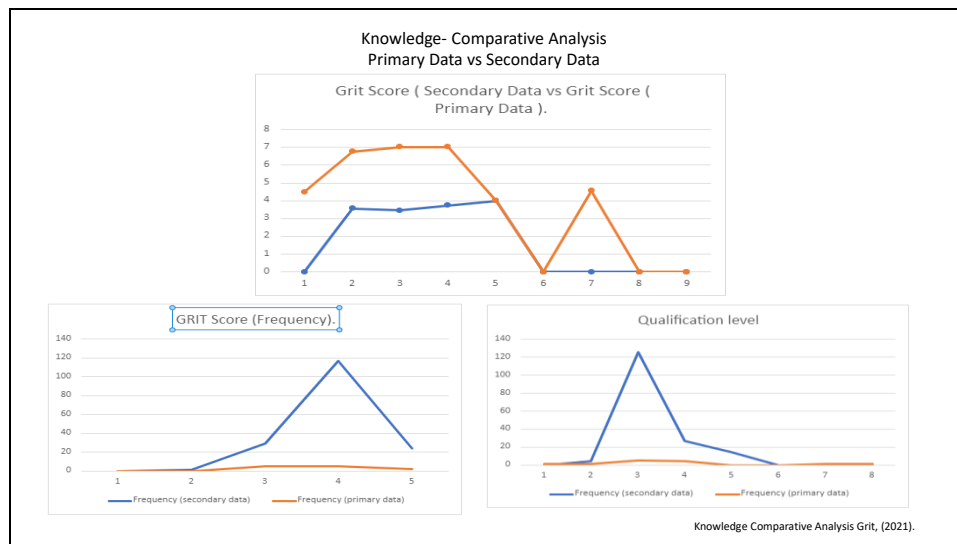
Information based on this draft represents primary data which is then developed into comparative data by analysing the samples that was collected from the survey carried out in in class, the graph was then able to demonstrate 2 lines. The one line represents the percentage of the qualification level, and the other line represents the percentage of the Grit score. The graph shows that both lines are intersecting each other. Where the qualification level is closer to the point of intersection is 4.5 and the grit sore value is also 4.5. This is a good indicator that represents how gritty I am and what qualification level I belong to.

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Knowledge has meaning which represents ideas and values understanding knowledge comparing primary Information with secondary helps you to focus on how to answer why questions, this will also help to communicate with other individuals. Enhancing my knowledge to become a qualified social worker in the Healthcare system, I will need to have the capacity to function effectively. Having good understanding to think about my actions before mistakes are made this is why we question (how or why), with knowledge so every information that presented is only another collection of numbers and the alphabet. which really is useless when gathering important information first-hand or passing it on the professional use information to be able to compose and generate new Knowledge making sure its correct.

Slide 9.



Example in this diagram shows indication that knowledge is the third level of DIKW Hierarchy, the main purpose will answer the “how “question these indicators that are then identified in theses charts. The information that has been obtained will then be used to answer questions purely based on the indicators (Example), comparing how a student’s Grit score and academic level of qualification compares with others. In saying this how should education providers use the grit score, this question and most education and investments institutions e.g., UKVI they might properly have some interest in.

Comparing the secondary data the grit score that was obtained is a little lower at 3.5 also somewhat higher at 3.8 compared to the secondary at academic level 3 and 4. which means that the frequencies that was obtained from the data which was collected are lower than the secondary data maybe this was because the higher number of people that answered the questions with mine which being only 15 as against maybe 171 this is how information that was obtained can then be changed into knowledge.

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Wisdom



Wisdom Public domain pictures, (2021).

With wisdom there are different terminologies to show how wisdom is used and its meanings including the way in which way we use wisdom can also be used as a point of decision making. within working government or business. The development, of wisdom is based on knowledge using the DIKW informed decision making is to assess whether it is right or wrong. Wisdom is the last part of the chain in DIKW it is important to understand the correct right form and informed decision-making approach. DIKW development of wisdom is based on knowledge without the first three steps of DIKW, they all have meaning that follow in a sequence data, information, knowledge, wisdom. The reason why we have to follow these approaches is to be able to achieve it in future goal.

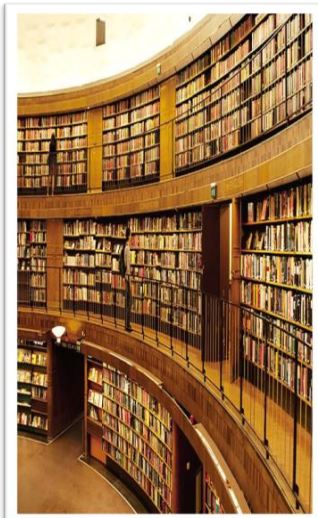
Slide 11.



Conclusion

This summary is based on my personal insight reflection based on how grit affects my academic qualification level, from doing this I believe that this is a very good way of assessing how a student's performance can be measured. By doing this it shows that there is a relationship between the qualification levels and the grit score average. Within the line graph chart on slide seven where the lines are intersecting this tells us that there is a relationship, between the two. I think that using Duckworth's research framework and research approach using the DIKW principle that is definitely a good way of developing grit in students like myself this will to enable me to focus more by enhancing my knowledge towards my future that successful goal

Slide 12.



Bookcase Library (2021)

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