

COMPONENT 2
RESEARCH METHODS

Student Name: Daniela Mare
Student ID: 2015124
Module: BMSW4003
Lecturer: Paul Ranson



INTRODUCTION

Reasons why I'm doing this presentation.

Achievements. Goals.



Hi everyone, my name is Daniela Mare and I'm student at the University of Wales Trinity Saint David. I am studying Health and Social Care. In present I work as a healthcare assistant and support worker for a healthcare agency. Doing this university course I want to improve my skills in my everyday work and to be with an step ahead to my nursing.

This presentation will be about my research from variety of source for a script for a BBC TV news report explaining the DIKW and Duckworth's grit.

I will give examples using the methods used by personalities like Angela Duckorth, Russel Ackoff, also some studies what have be done by our teacher Paul during the university year 2020.



BBC news present at TV a news about Angela Duckworth what she have a mission to advance scientific, to help children succeed. She is a professor of the University of Pennsylvania. Angelas book Grit – The power of Passion and Perseverance is number 1 in New York Times.(Angela Duckworth, 2021)

Angela she poof with her work, the success in life using GRIT- for long term goals ,behavior, emotions and achievements.

The GRIT shows how the people follow their aims over the years and how they self-control with the temptation.

Angela she work with both adults and children in the same time and she divided with grit measures the dimension of success and self-control.

One of the impressive things about Angela Duckworth is that she passed the CRAP test.

CRAAP is a test what Angela Duckworth she did and she pasted.

CURRENCY- are the link functional

-the information is current and out of date

RELEVANCE-who is the intended audience

-have you looked at a variety of sources before determining this is one you will use

AUTHORITY-who is the author, publisher, source, sponsor

-is there contact information, such as a publisher or e-mail address?

ACCURACY-where does the information come from

- does the language or tone seem biased and free of emotion?

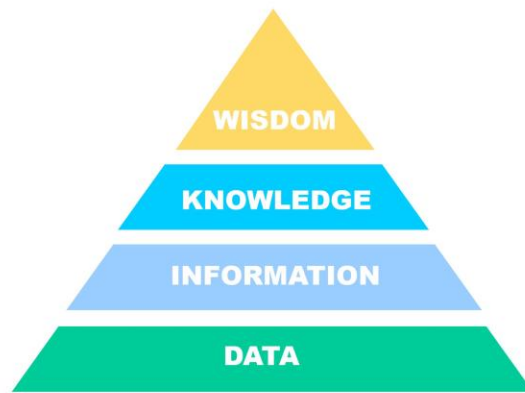
PURPOSE -what is the purpose of information is? To teach?

-does the of point view appear objective and impartial?

This is a link to my video about Angela Duckworth's Grit research:

<https://web.microsoftstream.com/video/6f67068b-c7b4-44b9-bca1-42daa3dc1744>

DIKW pyramid by Russell Ackoff



DIKW pyramid is the most used method based in the management understanding and explain how do we go through Data, Information, Knowledge to Wisdom making steps and reaching conclusions. Is a model with different actions to collect Data :big data, small data, fast data, smart data etc. The pyramid is a shape with gradable approaches as Data- Information-Knowledge-Wisdom.(The DIKW model for knowledge management and data value extraction, 2021)

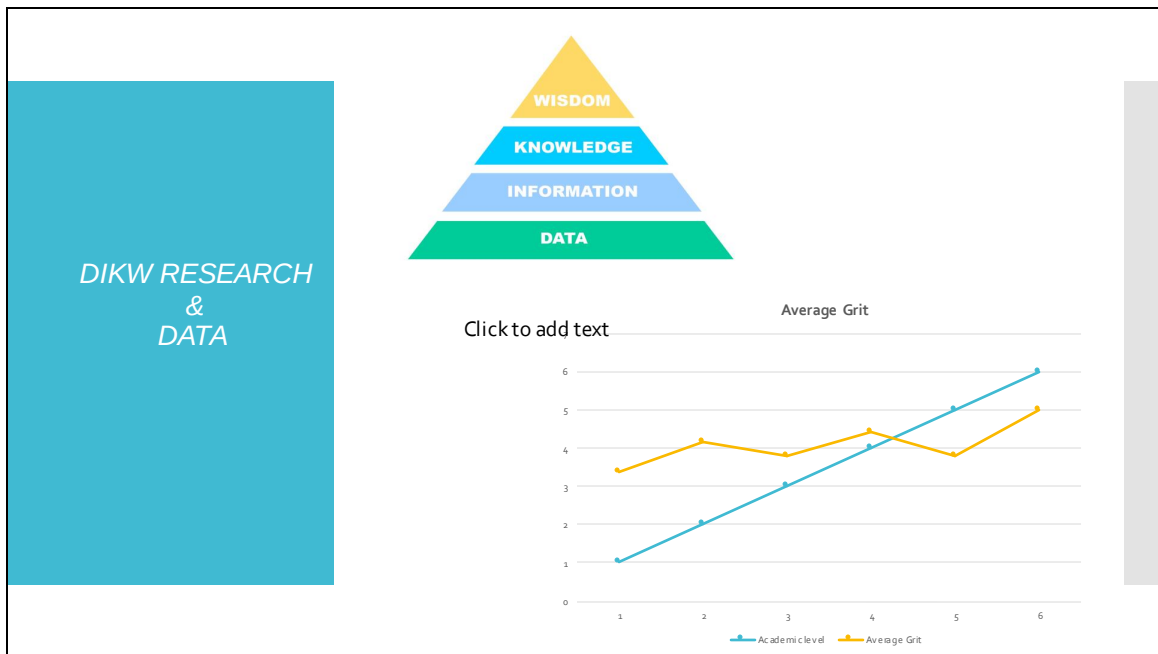
DATA – are basic information as number or differently aspects. If we collect data and is out of context, the data it dose not mean anything. Eg. If we see some numbers like: 12022021 this are just a series of unimportant numbers. But if they are in context we can see there is a date, so we can understand the date is 12th of February, 2021. Putting in context we can easy understand what it means. Also Data can be Qualitative and Quantitative. The Qualitative data is that what ca not be measured and counted, this data can be about feelings. The Quantitative data can be measured and counted. This data can be about numbers. All the data what we have collected we can transform in Information and then in Knowledge. The data what we have collected can be Primary data doing our research and Secondary data what have been collected by others.

INFORMATION- Is a data "cleaned" and processed so that it can be used for future purpose. In achieving the proposed goal, data once processed we can use in different actions. Just answering different question like: "what", "when", "how", " where" we can move to next step, to Knowledge.

KNOWLEDGE-Once we have got the information and we understand it, now we can try to achieve our goals and to turn the information in knowledge. Now we can use the knowledge in debates with our colleagues, other candidates. The knowledge we have got now and if they are proactive we can say that now have the desired wisdom.

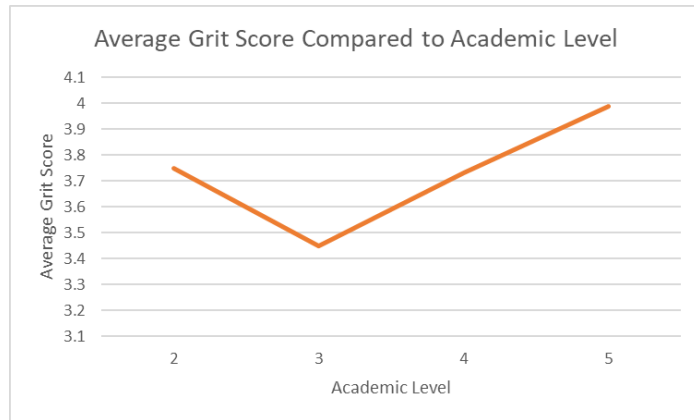
WISDOM- is the end of the pyramid. Getting here we have to answer question like: " what is the best" "why do something". The wisdom is uor knowledge turned in actions.

So the data and information is in the past and now we have got our knowledge and by actions we arrived to wisdom.(What is the Data Information Knowledge Wisdom Pyramid? | Ontotext, 2021)



The data what we have collected ,was what level we have of every students in our class. The teacher gave us to complete Angela Duckworth grit test, finding out the level of our grit. Based on this, each of us was able to evaluate our academic level. The academic level in our class was between 2 and 5. The session it was streamed and recorded by each of us and submit it. This was our primary data what we have collected .having this information we was able to do a chart. The trendlines in our chart it was up and down because the quality of information it was not real, not everyone gave a honest answer from test, and also it was a small amount of people in our class.

INFORMATION TO KNOWLEDGE



(UWTSD Moodle
2020/21:Log in, 2021)

This chart is the result of survey conducted by Paul on 172 students at the UWTSD in January 2020.

Angela Duckworth she said whit the academic level is higher and the grit is more up. Angela Duckworth she made a survey based on 2000 people and the trendline was more straight if we compare with the trendline from this chart.

The survey which is at the base at the chart is made in MS form.

The present chart is the secondary data.



Primary data & Secondary data

Primary data is collected from source like : surveys, letters, diary, is a research from the first hand sources. Primary data are collected from original source.

Secondary data is that data what we can obtain from studies and experiments, or surveys.

E.g.: reviews, news-papers, textbooks.



The last step from hierarchical pyramid DIKW IS Wisdom.

Arrived here we can say that we have the correct information and the necessary knowledge to fulfill our goals.

Wisdom adds value and requires proper thinking. Now we are ready for competition. My wisdom at the end of this session is based on the lessons learned also on my practice what I have made during the class time. I learned to gather the correct data and information that I turned into knowledge and finally into a fair judgment. Doing this research now I know that all my searches must be based on real data from appropriate sources.

Carol Dweck have a theory about two settings of the mindsets and difference. Carol spends her time studying human motivation and she made to group of people what they have success and people who don not.(Carol Dweck: A Summary of The Two Mindsets, 2021)

Carol Dweck says the "grow mindset thrive on challenges and view failures as a springboard for grow and for stretching our existing abilities ". She believe the young people need to grow up with a mindset as soon as possible.(Porter, 2021)

In Angela Duccworth researches, during the years as a teacher she said the more grit are people the more success in their life will have. Her Ted lecture is the most popular

between students and teachers.

The more students will have the desire to learn and think pragmatically, the better quality of services will deliver and the more successful they will be in life.

•Bibliography



1. Angela Duckworth. 2021. Angela Duckworth. [online] Available at: <<https://angeladuckworth.com/about-angela/>> [Accessed 2 April 2021].
2. 2021. [online] Available at: <<https://richtopia.com/angela-duckworth/>> [Accessed 31 March 2021].
3. Farnam Street. 2021. Carol Dweck: A Summary of The Two Mindsets. [online] Available at: <<https://fs.blog/2015/03/carol-dweck-mindset/>> [Accessed 2 April 2021].
4. Porter, O., 2021. How Young Adults Can Develop a Growth Mindset. [online] Learn.padistance.org. Available at: <<http://learn.padistance.org/blog/how-young-adults-can-develop-a-growth-mindset>> [Accessed 2 April 2021].
5. Libguides.udayton.edu. 2021. Research Guides: CMM 100: Web Sources. [online] Available at: <<https://libguides.udayton.edu/c.php?g=15344&p=83443>> [Accessed 1 April 2021].
6. i-SCOOP. 2021. The DIKW model for knowledge management and data value extraction. [online] Available at: <<https://www.i-scoop.eu/big-data-action-value-context/dikw-model/>> [Accessed 1 April 2021].
7. LinkedIn.com. 2021. The journey from data to knowledge and wisdom. [online] Available at: <<https://www.linkedin.com/pulse/20140722053326-3033591-the->

journey-from-data-to-knowledge-and-wisdom> [Accessed 1 April 2021].

8. Moodle.uwtsd.ac.uk. 2021. UWTSD Moodle 2020/21:Log in. [online] Available at: <<https://moodle.uwtsd.ac.uk/course/view.php?id=5300>> [Accessed 1 April 2021].

9. Ontotext. 2021. What is the Data Information Knowledge Wisdom Pyramid? | Ontotext. [online] Available at: <<https://www.ontotext.com/knowledgehub/fundamentals/dikw-pyramid/>> [Accessed 1 April 2021].

10. Before you continue to Google Search. [online] Available at: <<https://www.google.com/search?q=thank+you+for+students+presentation&oq=thank&aqs=chrome.69i59j69i57j46i433j0i433l5j0.7846j0j9&sourceid=chrome&ie=UTF-8>> [Accessed 2 April 2021].