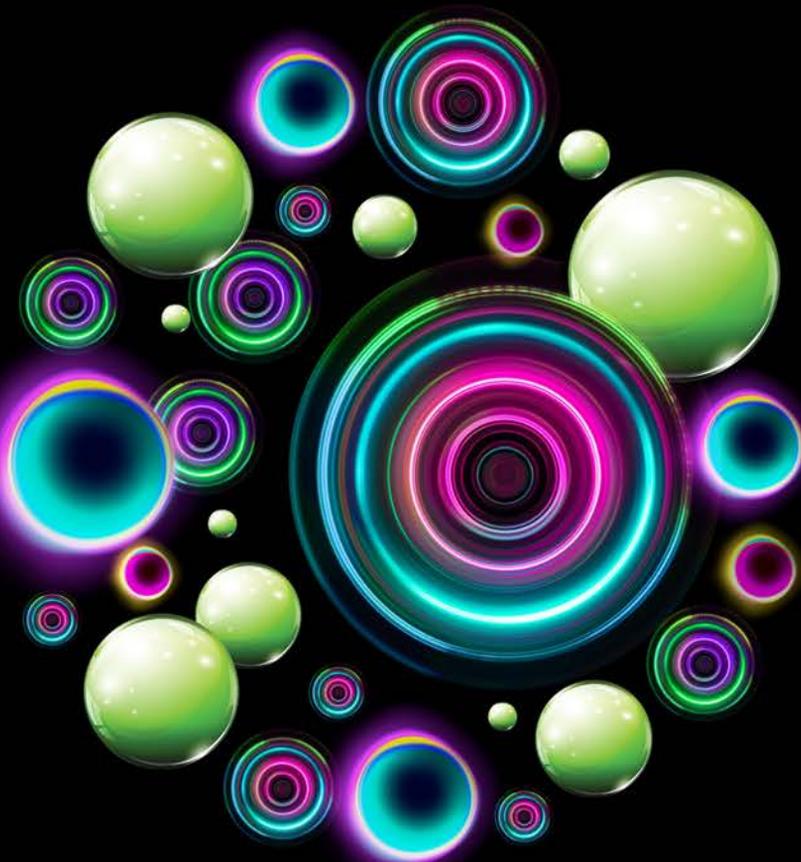


Deloitte.



Structured Thinking

Workbook

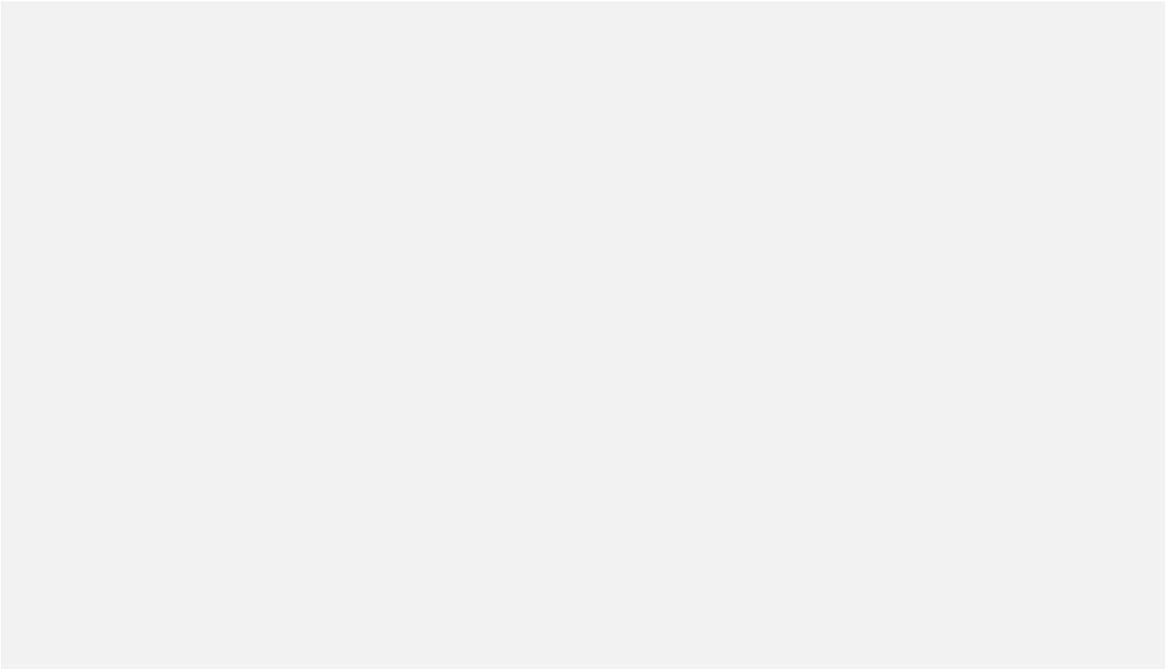


Structured Thinking

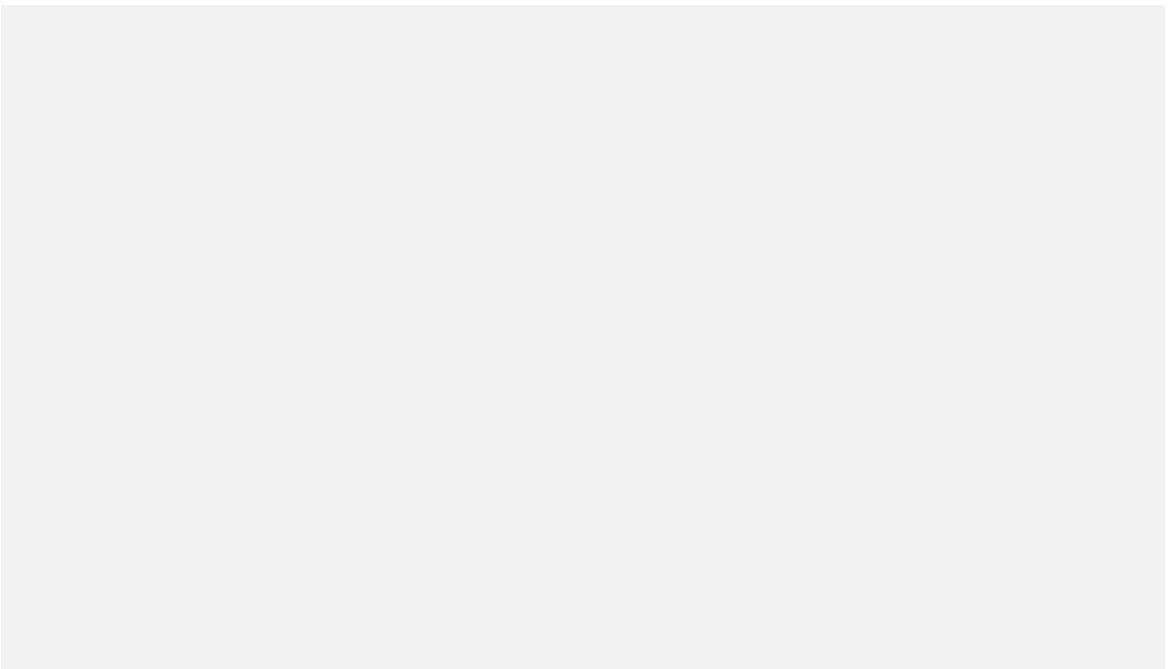
What are the benefits of structured thinking for you?

Structured Thinking: Vertical Logic

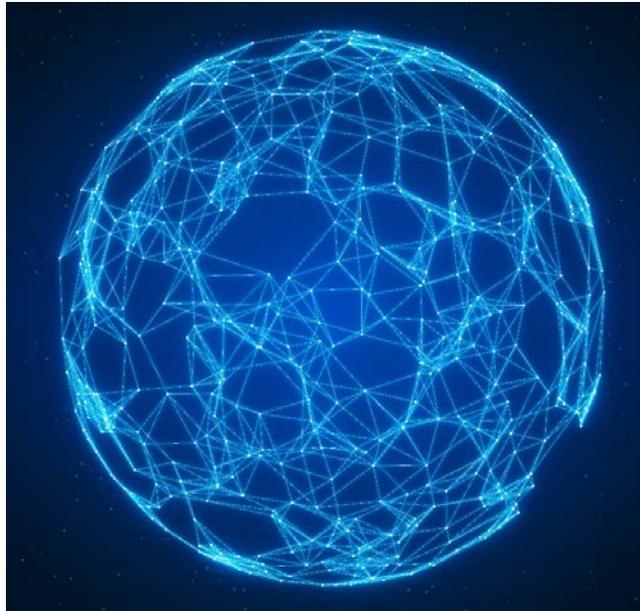
What previous situations in your life could you have applied Vertical Logic?



How could Vertical Logic benefit you in communicating your ideas in the future?



The Minto Principle | Vertical Logic



Start with the main idea, then a question, answer, move onto the next question, and so on.

- Using vertical logic, you will continue raising and asking questions until there are no more logical questions to ask.
- This is a great tool for your personal life as well! You may have heard of the term 'worry tree'. This uses a similar approach
- You could try using the Vertical Logic to create an action plan to help you manage your worry.

Being able to use the different methods of structured thinking will give you a distinct advantage in your professional life.

The Minto Pyramid Principle

Vertical Logic

SITUATION

COMPLICATION

QUESTION

QUESTION

ANSWER

PROOF

PROOF

SUPPORT

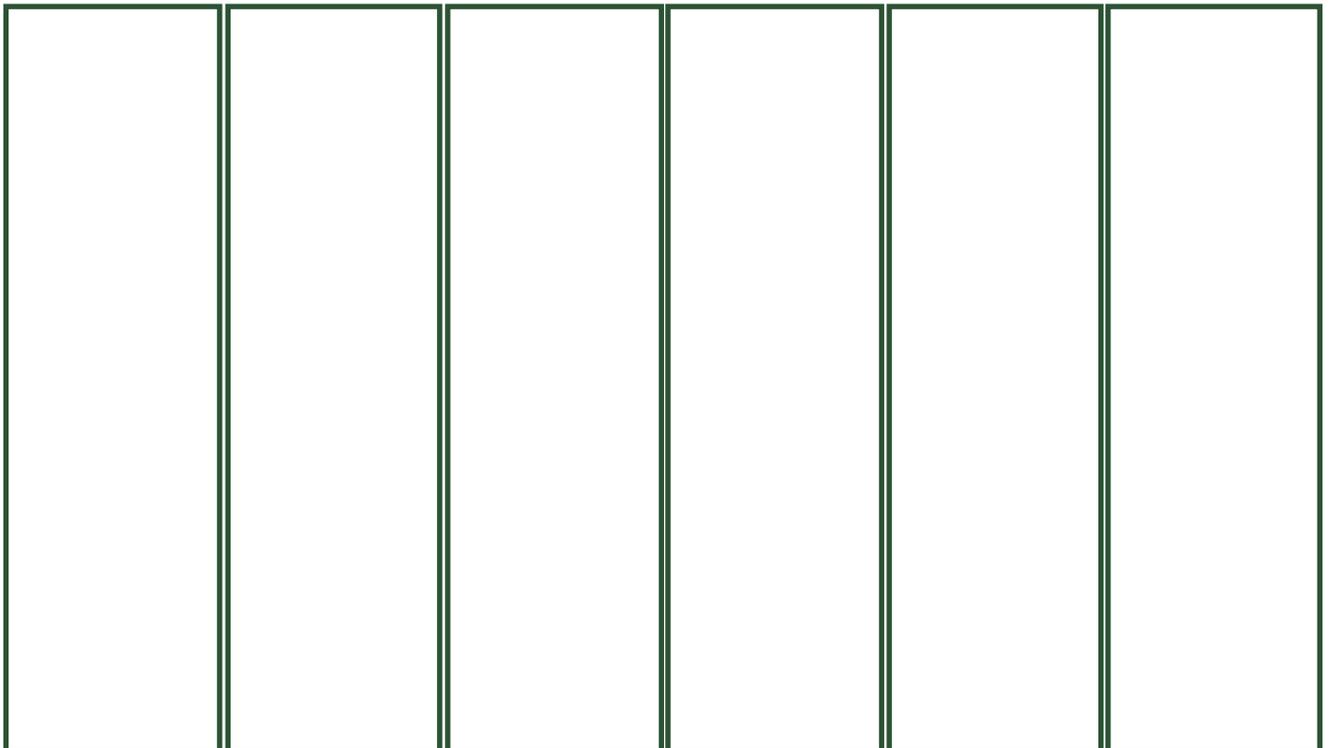
SUPPORT

SUPPORT

SUPPORT

SUPPORT

SUPPORT



Structured Thinking: Horizontal Logic

What situations in your academic or work life could you apply horizontal logic to?

Structured Thinking: Deductive Reasoning

Which example is NOT an example of deductive reasoning. Circle the statement that you believe is NOT an example of deductive reasoning.

1. All muscles are made from living tissue
All humans have muscles
Therefore, all humans are made from living tissue
2. All musical instruments make sounds.
Airplanes make sounds
Therefore, airplanes are musical instruments
3. All birds can fly.
Parrots are birds
Therefore, parrots can fly
4. All tortoises are vegetarians
Betty is a tortoise
Therefore, Betty is a vegetarian

Structured Thinking: Inductive Reasoning

Write down your examples of Inductive Reasoning.

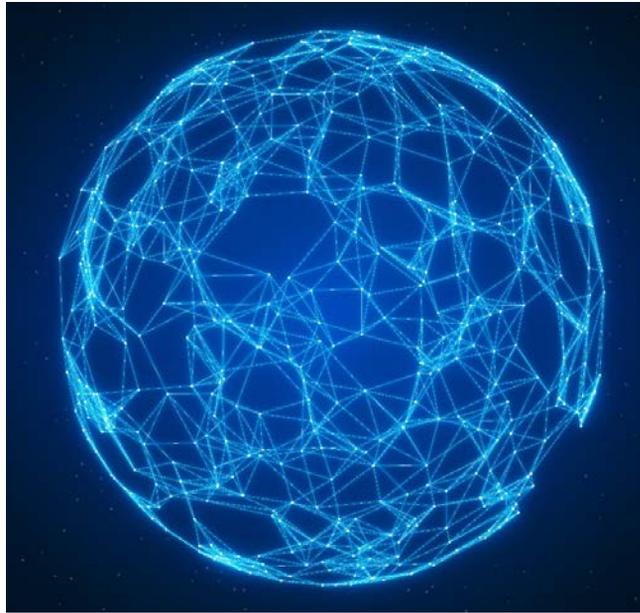
Structured Thinking: Deductive Reasoning

Which example is NOT an example of inductive reasoning.

Circle the statement that you believe is NOT an example of deductive reasoning.

1. My neighbour's cat hisses at me daily
At the pet store, all cats hiss at me
Therefore, all cats probably hate me
2. The past five Marvel movies have been incredibly successful at the box office
Therefore, the next Marvel movie will probably be successful
3. Everyone I know has been to McDonald's
So, everyone has been to McDonald's
4. All known living organisms need water to survive
Every new living organism needs water to survive
If we found a new living organism it would need water to survive

The Minto Principle | Horizontal Logic



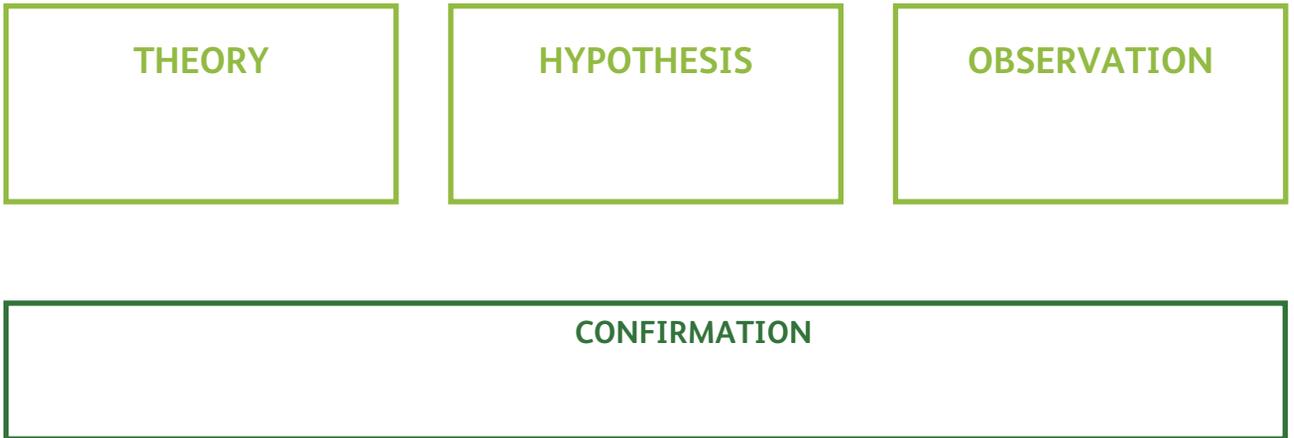
Horizontal Logic is where deductive and inductive reasoning are used to solve a problem. Inductive logic is usually preferred, as people often find it easier to understand and remember.

- **Deductive reasoning** uses a chain of logical statements to create an outcome. This outcome is the result of development of the previous points explored.
- **Inductive reasoning** collects information and comes to a collection based on facts and/or data.

Being able to use the different methods of structured thinking will give you a distinct advantage in your professional life.

The Minto Principle: Horizontal Logic

Deductive Logic

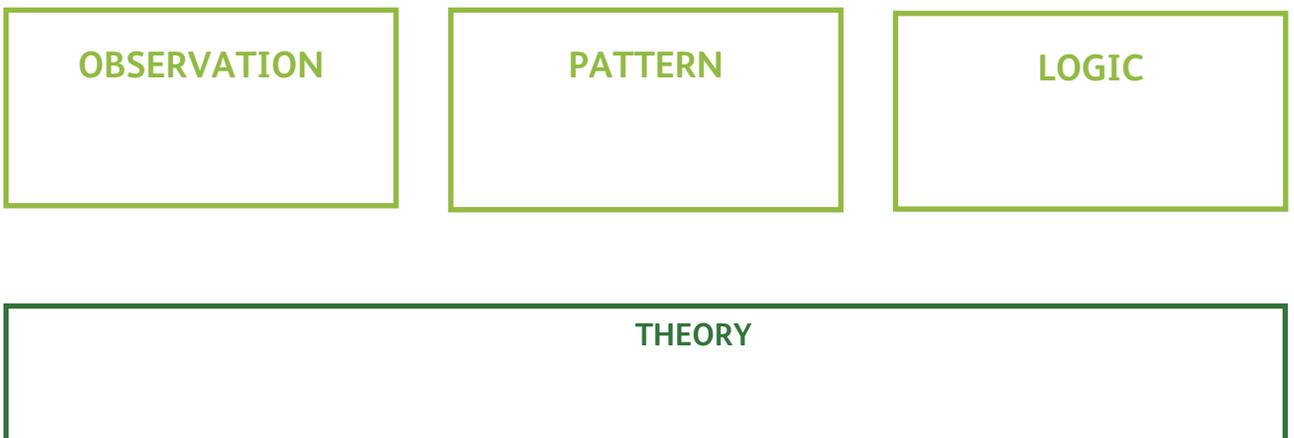


GENERAL STATEMENT



PARTICULAR CONCLUSION

Inductive Logic



GENERAL STATEMENT



PARTICULAR CONCLUSION

Further links

Main Careers Site:

https://www2.deloitte.com/uk/en/careers/careers.html?icid=top_careers

Grad Programmes:

https://www2.deloitte.com/uk/en/pages/careers/articles/graduate-opportunities.html?icid=top_graduate-opportunities

SVS Programmes:

https://www2.deloitte.com/uk/en/pages/careers/articles/summer-vacation-scheme.html?icid=top_summer-vacation-scheme

Apprentice Programmes:

https://www2.deloitte.com/uk/en/pages/careers/articles/brightstart-business-apprenticeship-scheme.html?icid=top_brightstart-business-apprenticeship-scheme

Frequently asked questions:

<https://www2.deloitte.com/uk/en/pages/careers/articles/student-graduate-faqs.html>

Dot the Bot (ask a question):

<https://meetandengage.com/deloittestudenthelpdesk>