

A Basic Handbook on Analytical Thinking

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Definition

Analytical thinking is like a superhero power that allows you to break down complex information or problems into bite-sized pieces.

It's all about looking at things from different Point of Views, using logical reasoning, and flexing those problem-solving muscles.

Methods

- 1.Critical thinking**
- 2.Logical reasoning**
- 3.Applying problem Solving Skills**

Critical thinking

Critical thinking is like having your own personal detective superpower that allows you to analyze information objectively and make rational judgments.

Logical Reasoning

Logical reasoning is the process of drawing conclusions based on a set of facts and involves using clear and rational thinking to analyze information and think step-by-step to reach a conclusion.

Applying problem Solving Skills

Applying problem-solving skills means using a systematic approach to identify, analyze, and resolve challenges or issues found during the critical thinking and logical reasoning phases.

Example

Detective Umar investigated a theft at Shahul's antique shop. Only Shahul and his assistant Naveen had keys, but the alarm went off during a power outage. Naveen blamed Amal, the electrician, but Amal said he installed a backup battery. Umar noticed a shadow on the security footage during the outage. Satisfied with evidence, Naveen admitted that he had done the theft.

Conclusion

Analytical thinking is like detective work, but instead of solving crimes, you are solving problems! It's all about breaking down big, scary problems into smaller, more manageable pieces. It's like taking a giant puzzle and breaking it down into individual pieces to put it all together.