

# THE ART OF DECISION MAKING: BALANCING INTUITION AND LOGIC

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## ABSTRACT

*The Art of Decision Making: Balancing Intuition and Logic" explores the interplay between instinctive and analytical approaches in decision-making. Effective decisions often stem from harmonizing intuition with logic, leveraging insights from both emotional and rational perspectives. This balance enhances clarity, adaptability, and success across personal and professional realms.*

**Keywords:** Information System And Decision Making, Fuzzy Models Of Decision Making, Integer and Binary Programming, Linear Programming, Markov Processes, Mathematical Programmin.

## INTRODUCTION

In a world increasingly characterized by complexity and rapid change, effective decision-making has become an essential skill across various domains—from business and governance to personal life. At its core, decision-making involves choosing a course of action from multiple alternatives. However, the process is rarely straightforward; it often demands a careful balance between intuition and logic. Understanding how to navigate this balance can significantly enhance the quality of our decisions (Edwards., 1954).

### The Role of Intuition

Intuition, often described as a gut feeling or instinct, is an automatic, subconscious process that draws upon our experiences, emotions, and knowledge. It operates without the need for deliberate analysis, allowing individuals to make quick decisions, particularly in high-pressure situations. Many leaders and successful professionals credit their intuitive abilities for guiding them through complex choices (Eisenhardt et al., 1992).

Intuition allows for rapid decision-making, which can be critical in fast-paced environments. For example, in emergency medical situations, healthcare professionals often rely on their instincts to make split-second decisions that can save lives. Intuition is grounded in past experiences. When faced with similar situations, our brains automatically draw from what we have learned, often leading to effective decisions based on recognition rather than analysis (Bhushan.,2004).

Intuitive decisions can incorporate emotional intelligence, allowing for a more holistic approach. This can be particularly beneficial in interpersonal interactions, where understanding emotions can influence outcomes significantly. However, relying solely on intuition can lead to biases and misjudgments. Intuitive decision-making can be swayed by emotions, leading to hasty conclusions that lack thorough consideration. This is where logic steps in (Soelberg et al., 1966).

Logic involves a systematic approach to decision-making, utilizing rational analysis and critical thinking. It is characterized by gathering data, weighing options, and assessing potential outcomes. Logical reasoning often requires time and patience but can provide a clearer path to effective decisions. Logic allows for a more structured approach to complex problems. By laying out facts, figures, and potential consequences, individuals can make informed choices that are less prone to bias (Orasanu et al., 1989).

Logical decision-making enables a thorough evaluation of risks and benefits. This is especially important in business and finance, where the potential consequences of decisions can be far-reaching (Fast et al., 2012)..

While intuition may provide immediate answers, logic encourages a broader view. It helps individuals consider the long-term implications of their decisions, promoting sustainability and strategic planning. Despite its strengths, logic can also have its downsides. A purely logical approach may lead to analysis paralysis, where individuals become overwhelmed by data and options, causing them to delay decisions. Additionally, over-reliance on logic may overlook the emotional and intuitive aspects that can significantly influence outcomes (Camerer., 1995).

To make effective decisions, individuals must find a balance between intuition and logic. This involves recognizing when to rely on gut feelings and when to engage in deeper analysis. Here are some strategies for achieving this balance: Understanding the context in which a decision is made can help individuals determine the appropriate approach. In high-stakes situations requiring quick responses, intuition may take precedence (Taylor ., 2013).

Conversely, in complex situations involving significant risks, a logical approach may be more suitable. One effective method is to start with intuition and then validate it through logical analysis. For example, a manager may have an intuitive sense about a new marketing strategy but should back it up with data analysis and market research before implementation.

After a decision is made, it's essential to reflect on the outcomes. Analyzing what went right or wrong can enhance future decision-making skills. This practice encourages learning from both intuitive and logical approaches (Roy., 1990).

Developing emotional intelligence can significantly improve decision-making. Understanding one's emotions and those of others can guide intuitive judgments and enhance logical reasoning, particularly in team settings. Engaging others in the decision-making process can provide diverse perspectives. Collaboration often leads to a more balanced approach, incorporating various intuitive insights and logical analyses (Etzioni., 2001).

## CONCLUSION

The art of decision-making lies in the ability to balance intuition and logic. Both play crucial roles in guiding choices, and their integration can lead to more effective outcomes. By understanding the strengths and weaknesses of each approach and developing strategies for combining them, individuals can navigate the complexities of decision-making with greater confidence and clarity. In a world where decisions can have profound consequences, mastering this art is not just beneficial; it is essential for success in personal and professional realms alike.

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**Received:** 01-May-2024 Manuscript No. JMIDS-24-15377; **Editor assigned:** 04- May -2024 Pre QC JMIDS-24-15377(PQ); **Reviewed:** 15- May -2024 QC No. JMIDS-24-15377; **Revised:** 22- May -2024 Manuscript No. JMIDS-24-15376(R); **Published:** 30- May -2024