

## Decision Making for Industrial Engineers: From Phenomenon to Value

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**Abstract :** Industrial Engineering is a broad multidisciplinary field with intersections and applications in numerous areas. In out current environment, the path from a phenomenon to value involves numerous people with expertise in various areas including domain knowledge of a field and the ability to make decisions within an operating environment that lead to value creation. We propose some skills that industrial engineering programs should focus on, and argue that an industrial engineer is a decision maker instead of a problem solver.

**Keywords :** decision analysis, problem-solving, value creation, industrial engineering