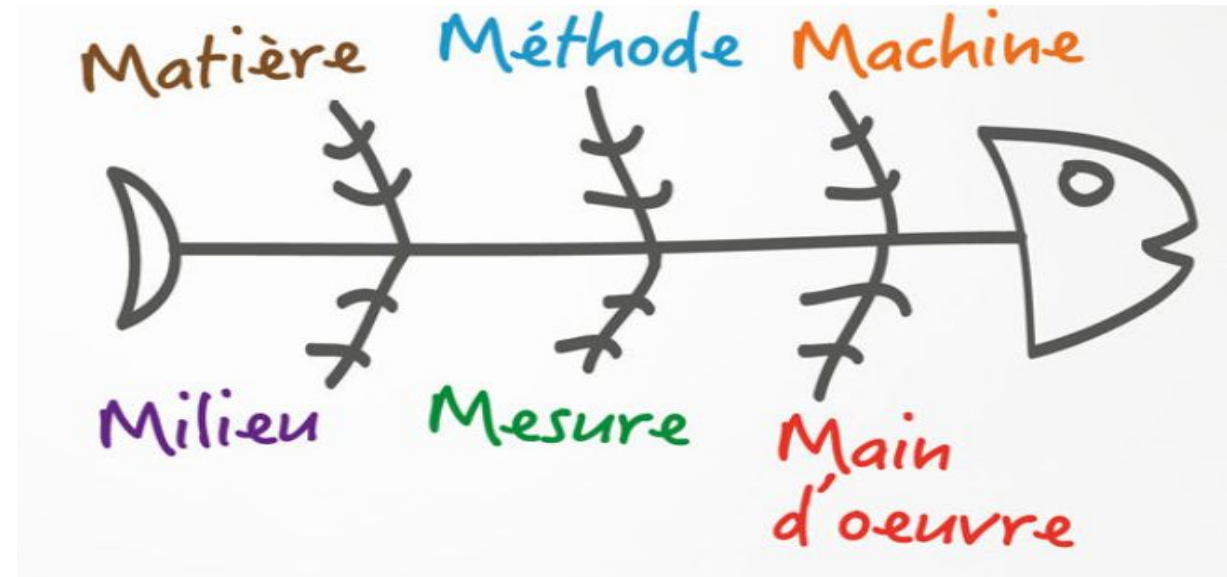




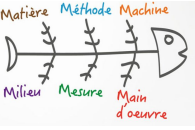
Ishikawa diagram or "fishbone" diagram

To identify and visualize the potential causes of a given problem or situation, enabling in-depth root cause analysis.

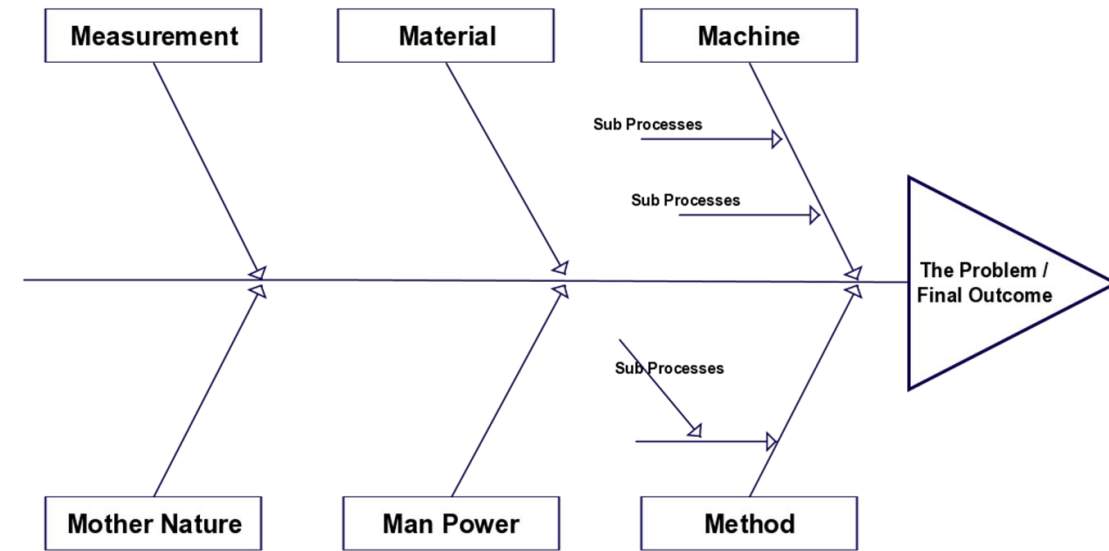




The Ishikawa diagram to explore cause and effect



- The **Ishikawa diagram** also known as the cause-and-effect diagram or fishbone diagram, is a visual tool used to identify and organize the various potential causes of a given problem or situation.
- It is composed of a horizontal axis representing the effect to be analyzed, and edges that branch off from the central axis. Each branch represents a category of possible causes that may contribute to the problem. The most commonly used categories are the "6Ms": Measurement, Material, Machine, Environment (Mother Nature), Labor and Methods.
- Within each branch, sub-branches are added to further detail potential causes. The aim is to identify all possible causes and organize them in a logical way for further analysis.
- In short, the Ishikawa diagram is a visual analysis tool that helps to identify and organize the causes of a problem, thus promoting in-depth understanding and the search for solutions.





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