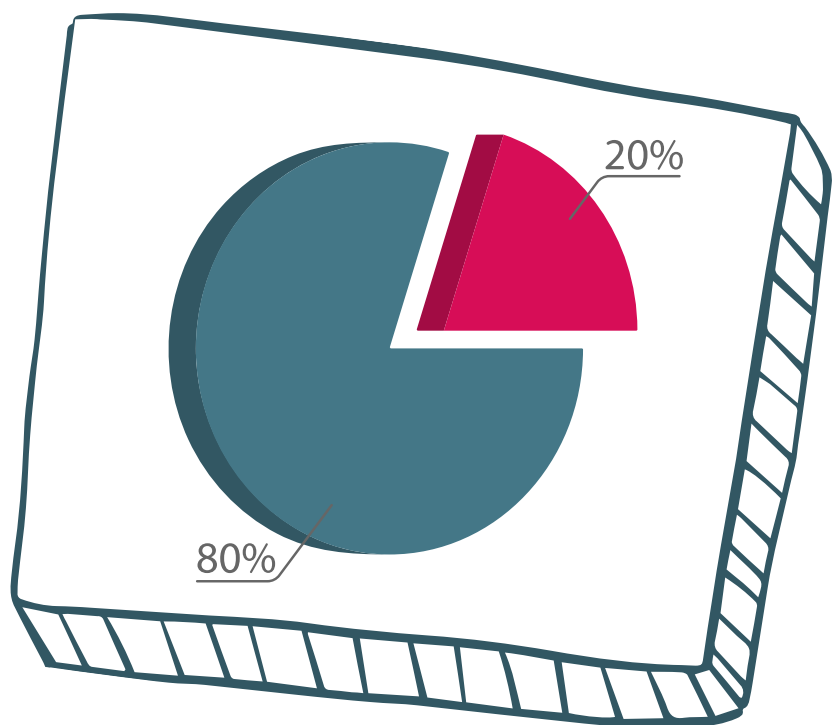
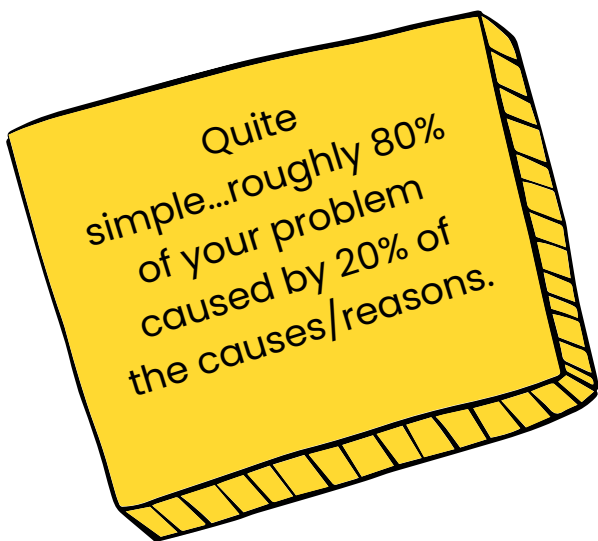


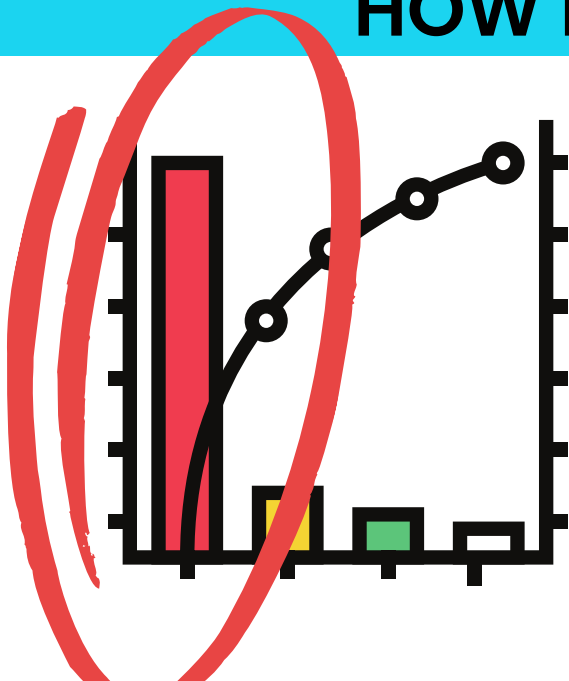
PARETO ANALYSIS



When there is a need to identify 'significant' causes that contribute to variance, defects or lost output. Pareto is a favourite tool for drilling down into extent of causes.



HOW DOES IT HELP?



- Helps team scope the causes that have the greatest impact if solved.
- Displays relevant importance of causes of a problem in a simple and quick visual format.
- Can drill to next levels of a problem with Pareto as required.

TYPICAL STEPS TO SET UP ANALYSIS



Decide which problem you want to know more about.

Example: Consider the problem of not meeting the target for Planned output of a product

Choose the known causes/categories that are contributing to not meeting target:

Example: Equipment breakdown, Conveyor break, Broken hoses, Inlet blocked, other...

Choose the most meaningful/relevant unit of measurement for the reasons.

Example: Tons lost

Choose the time period for data collection

Example: January – March 2022

Gather necessary data on each cause/category on a Spreadsheet/Data collection sheet.

Input data into a relevant software/app to complete the analysis OR complete manually on graph paper.

Interpret the results. Decide whether to collect additional data.

Choose top cause, conduct root cause analysis and generate solutions.

Implement solution, Measure the impact and review the Pareto.