

DATA ANALYTICS PROCESS:

Example 1: Furniture Manufacturing

Plan: Quality & Quantity requirement of customer

Prepare: Availability of manpower & arrangement of raw materials from suppliers

Process: Working condition of machines performing different operations

Analyze: Comparing the pre-planned processing time with actual processing time

Share: Send a prepared sample to customer for quality concern feedback

Act: Proceed according to the feedback received from customer

Example 2: Energy Audit of an Industry

Plan: Visit the Plant and identify the energy consumers

Prepare: Measuring tools, PPE, Respective unit in charge

Process: Actual measurement & calculate energy consumption

Analyze: Comparing actual energy consumed vs ideal energy consumption

Share: Prepare a report reflecting monetary losses & CO2 emission based on calculations & share it with respective unit in charge.

Act: Energy Conservation Measures to be implemented to reduce energy consumption.

Example 3: Selling a PC

Plan: Identify the requirement of the customer whether to buy a laptop or desktop.

Prepare: Enquire the budget.

Process: Check the configurations available within budget.

Analyze: Select the best configurations suitable for customers requirement.

Share: Communicate with the customer with model no & price to initiate the order.

Act: Confirm the order.