

SIX SIGMA

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SIX SIGMA

- A Vision and Philosophical commitment to our consumers to offer the highest quality, lowest cost products
- A Metric that demonstrates quality levels at 99.9997% performance for products and processs
- > A **Benchmark** of our product and process capability for comparison to 'best in class'
- A practical application of statistical Tools and Methods to help us measure, analyze, improve, and control our process

What is Six Sigma







DISCUSSION

Which of the following are motivators?

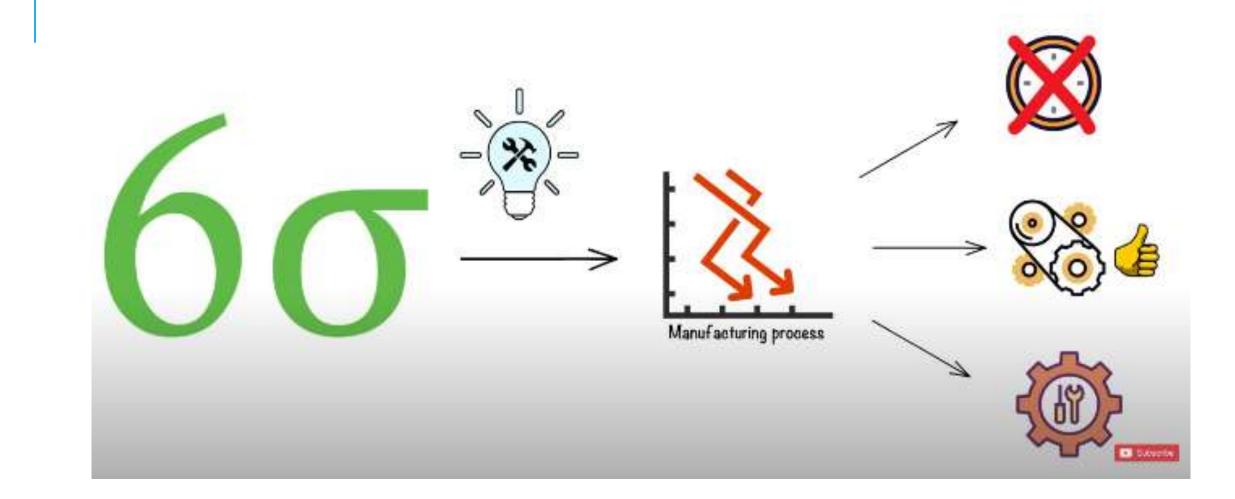
- 1. Salary
- 2. Certificates from the President
- 3. Appreciation from customer
- 4. Air conditioned office
- a) I and IV only
- b) II and III only
- c) I,II,III and IV
- d) I,II and III only

HOW?

WHY?



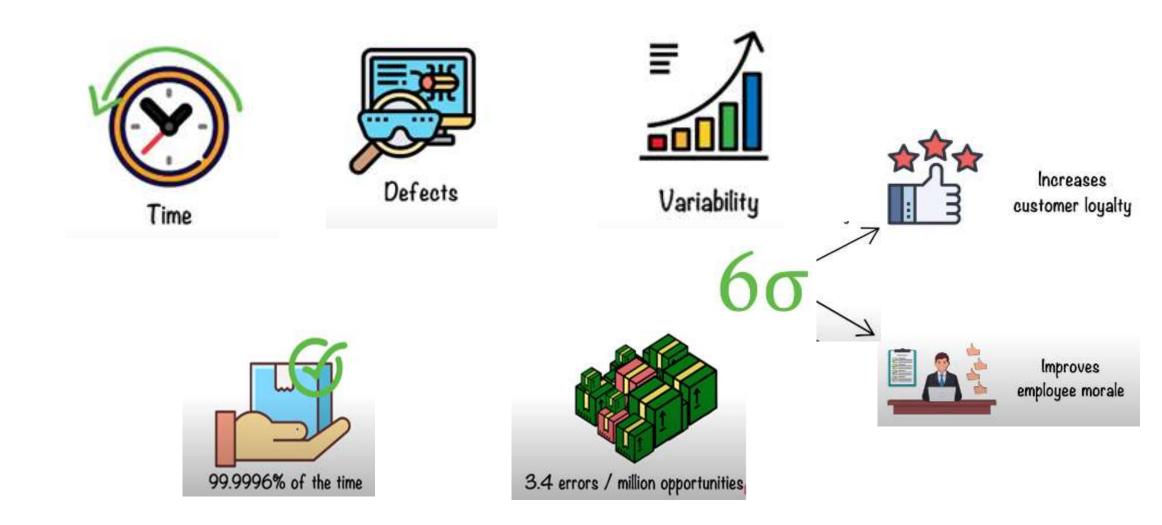


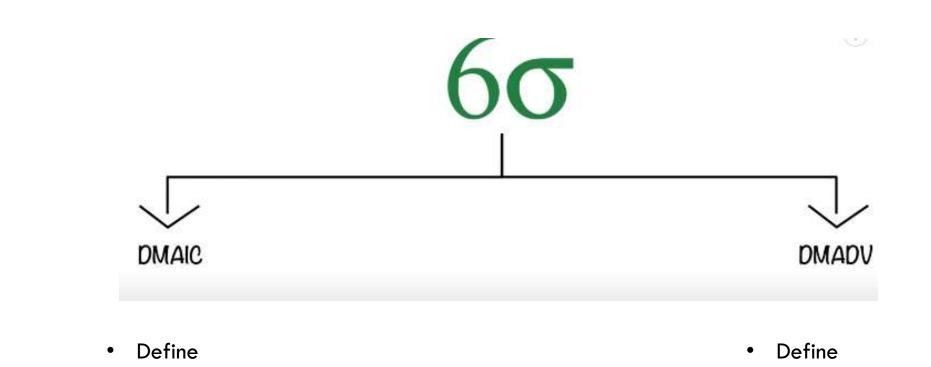




Six Sigma aims to reduce









- Measure •
- Analyze •
- Improve ٠
- Control

- Measure •
- Analyze •
- Design •
- Verify



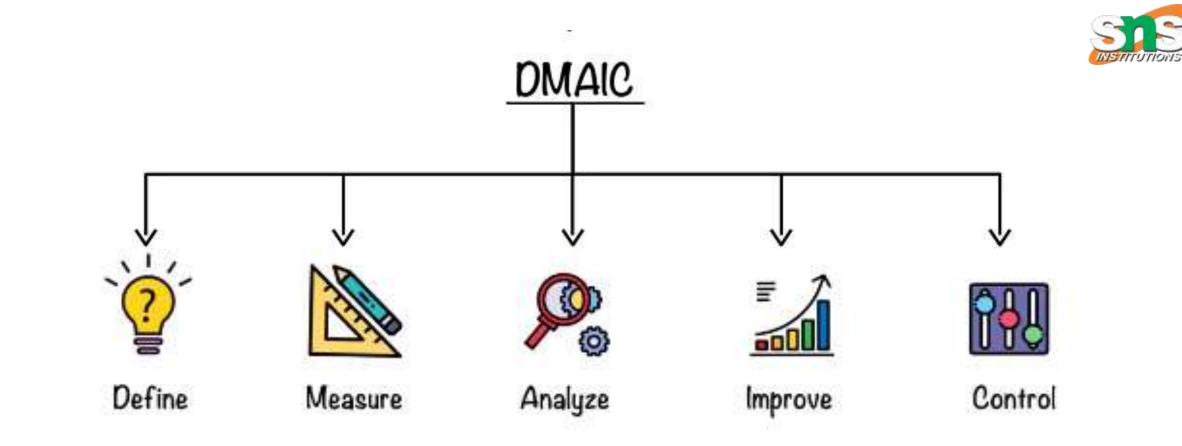




EXAMPLE













Determine what issues you are facing



Opportunities for improvement



Customer requirements

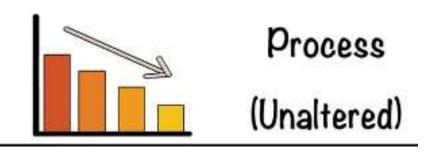


Define











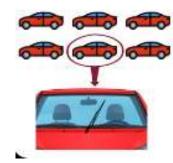
Measure



Manufactured in a day

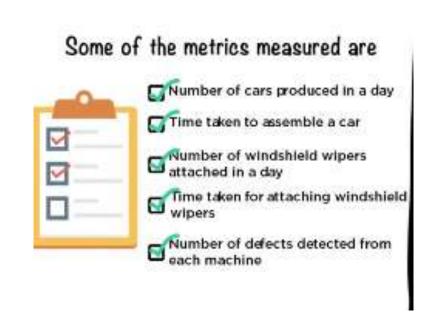
1000 cars are

In the current scenario



manufactured in a day

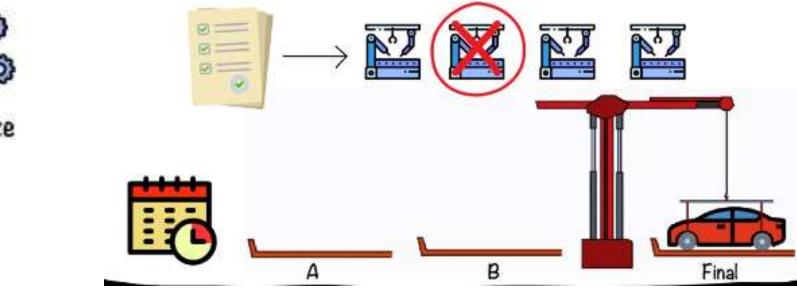
By 1/30 machines







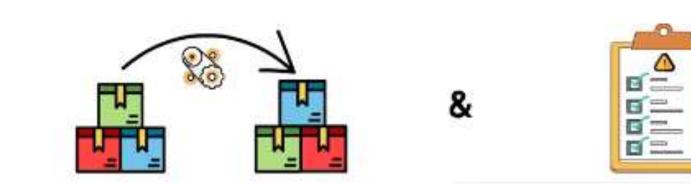










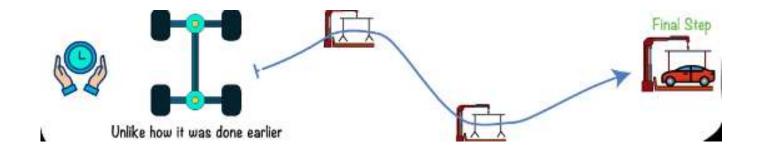






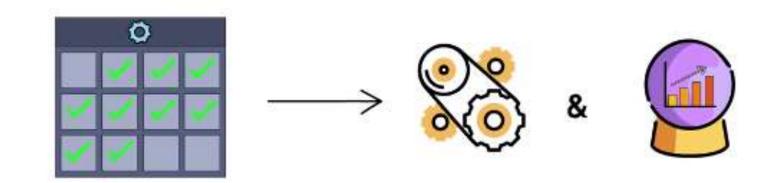






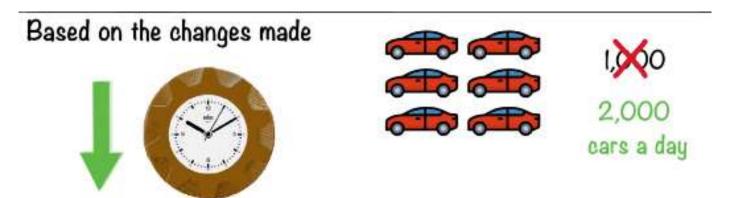








Control







ASSESSMENT

"Deciding in advance what is to be done and who is to do it" highlighted one of the functions of

management. Identify it

- a) Organising
- b) Planning
- c) Directing
- d) Controlling





ASSESSMENT

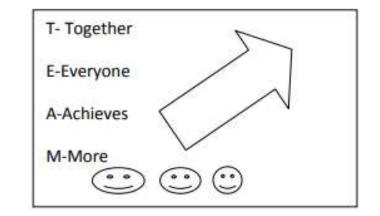
Highlight the feature of management depicted by the image given here

a) Group activity

b) Goal oriented

c) Pervasive

d) Dynamic







REFERENCES

- 1. <u>https://www.youtube.com/watch?v=4EDYfSI-fmc</u>
- 2. The Certified Six Sigma Yellow Belt Handbook by Govind Ramu
- 3. What is Lean Six Sigma By Michael L. George, David T. Rowlands, Bill Kastle





THANK YOU

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