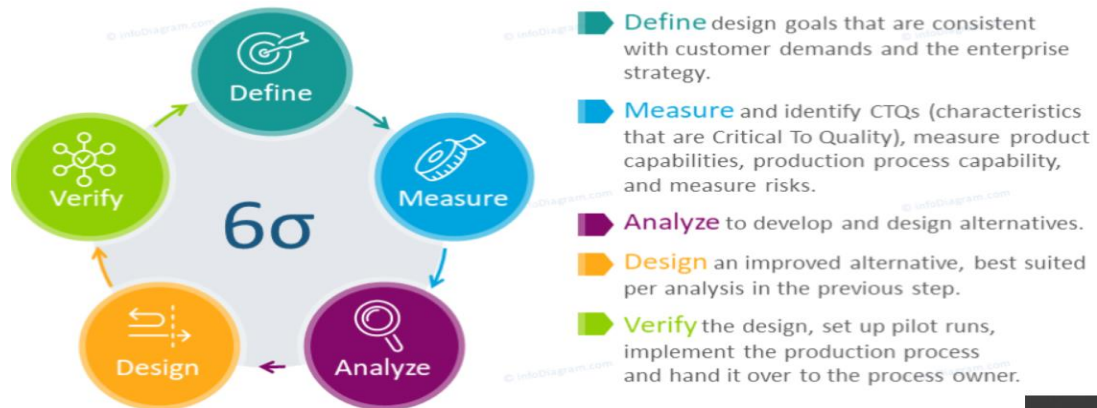


## What is DFSS (Design for Six Sigma)

In this article we will learn about Design For Six Sigma (DFSS) used to improve new products and new processes. The methodology used here is DMADV – Define, Measure, Analyse, Design and Verify. The activities in each phase are listed below:



### Define:

*In the Define phase, we listen to the voice of internal / external customer and understand the gap in the design of the current process or product to meet the requirements. We define the objective of the improvement in design meeting the customer requirement and the organization strategy*

### Measure:

*In the Measure phase, we identify the characteristics to be improved in the process or product, measure the current product and process capability and measure the risks to be addressed while improving the required characteristics and take proactive actions to mitigate risks*

### Analyse:

*In the Analyse phase, we develop alternative designs that can be considered for the improvement and analyse the pros and cons of developing each design*

### Design:

*In the Design phase we design the new process or product based on the best solution*

### Verify:

*In the Verify phase, we set up pilot runs, validate that the improved design meets the requirements, document and implement the process and hand over to the process owner*