

DUMPS ARENA

Certified Lean Six Sigma Black Belt (CLSSBB)

GAQM CLSSBB

Version Demo

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QUESTION NO: 1

A valuable tool to use during the Measure Phase to show material and information flow throughout an entire process is the _____.

- A. Value Stream Map
- B. FMEA
- C. Pareto Chart
- D. Standard Operating Procedure

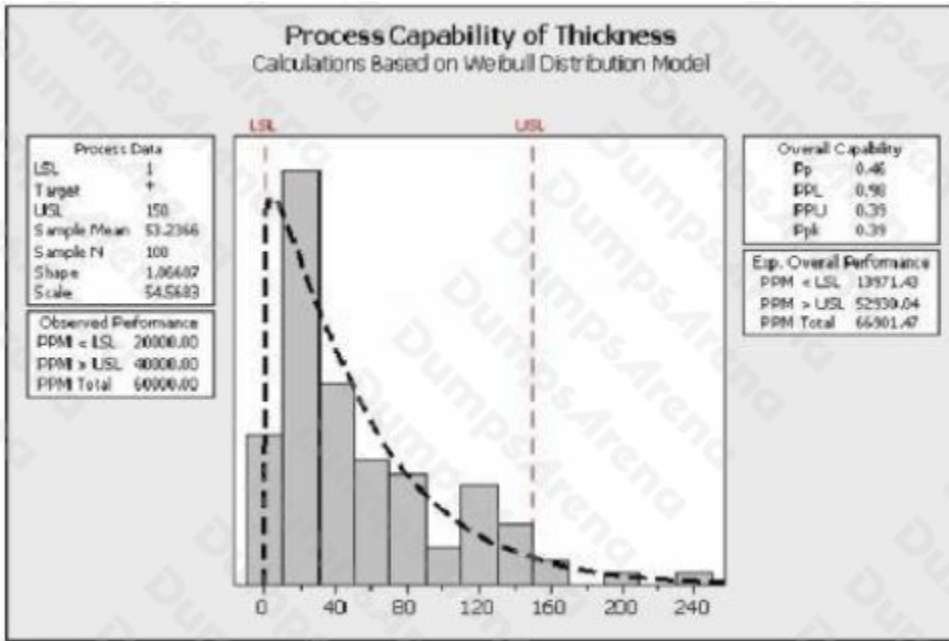
ANSWER: A**QUESTION NO: 2**

A Belt working in a supply chain environment has to make a decision to change suppliers of critical raw materials for a new product upgrade. The purchasing manager is depending on the Belt's effort requiring that the average cost of an internal critical raw material component be less than or equal to \$3,800 in order to stay within budget. Using a sample of 38 first article components, a Mean of the new product upgrade price of \$3,680, and a Standard Deviation of \$120 was estimated. In order to increase the Long Term Z value to 5, what is the maximum long term variation in pricing the Belt can accept for his upgraded critical raw material component?

- A. \$6
- B. \$12
- C. \$24
- D. \$48

ANSWER: C**QUESTION NO: 3**

Review the analysis shown there.



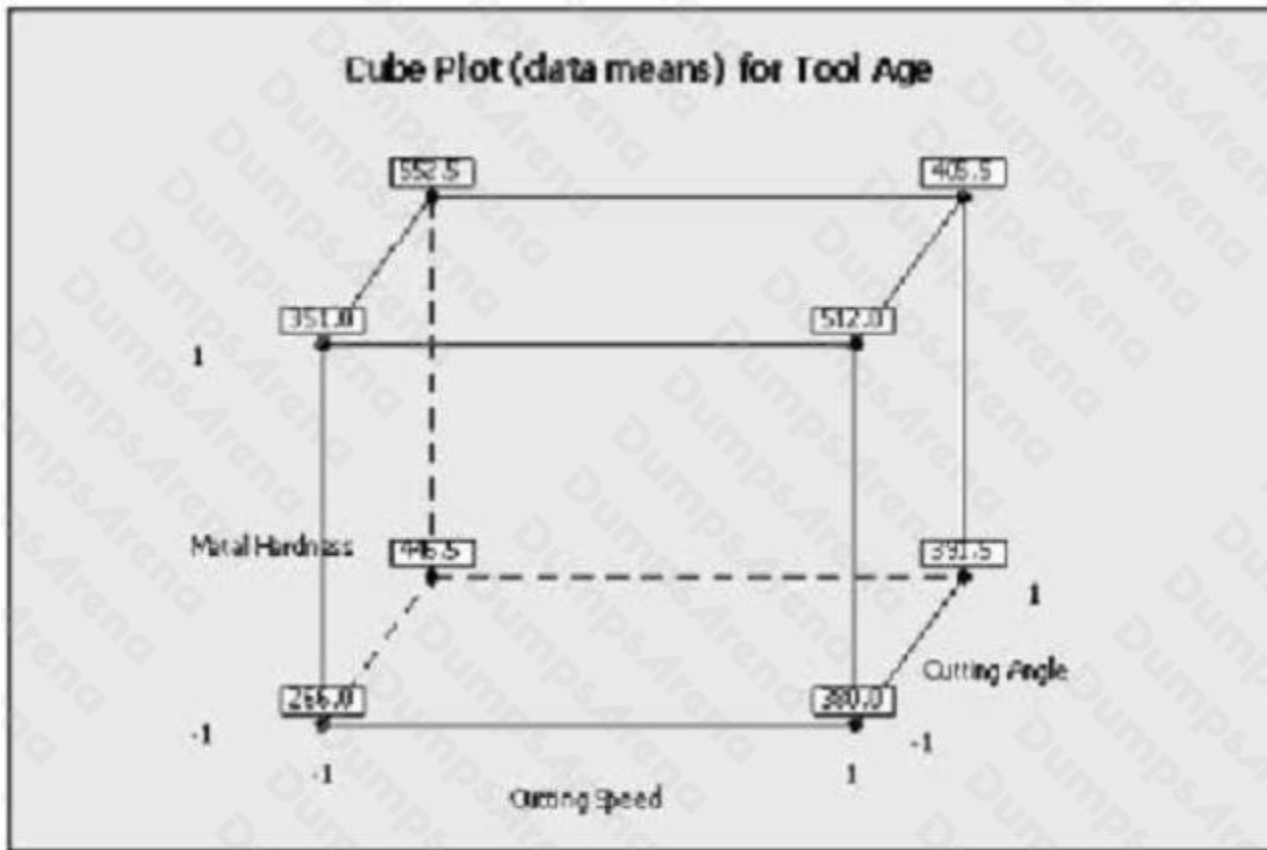
Which statements are true about the process? (Note: There are 3 correct answers).

- A. The initial focus for this project would be to determine why the thicknesses are so frequently too low.
- B. The majority of the process is closer to the lower specification limit.
- C. This process is described with the Weibull Distribution.
- D. The process has more problems with Variation than Centering.
- E. The process follows a non-normal distribution with the given data.

ANSWER: B D E

QUESTION NO: 4

Which statement(s) are correct about the Factorial Plot shown here? (Note: There are 3 correct answers).



- A. When the cutting speed increased from low to high level, the tool age increases
- B. The coefficient of the metal hardness is positively related to the output of tool age
- C. The coded coefficient is lower for cutting speed than the cutting angle related to the output of tool age
- D. These plots prove a statistically significance factor with 95% confidence
- E. These plots are an example of interaction plots

ANSWER: A B C

QUESTION NO: 5

The primary objective in removal of waste is to improve the Order Production Cycle where the time from _____ to the time of receipt of payment is compressed.

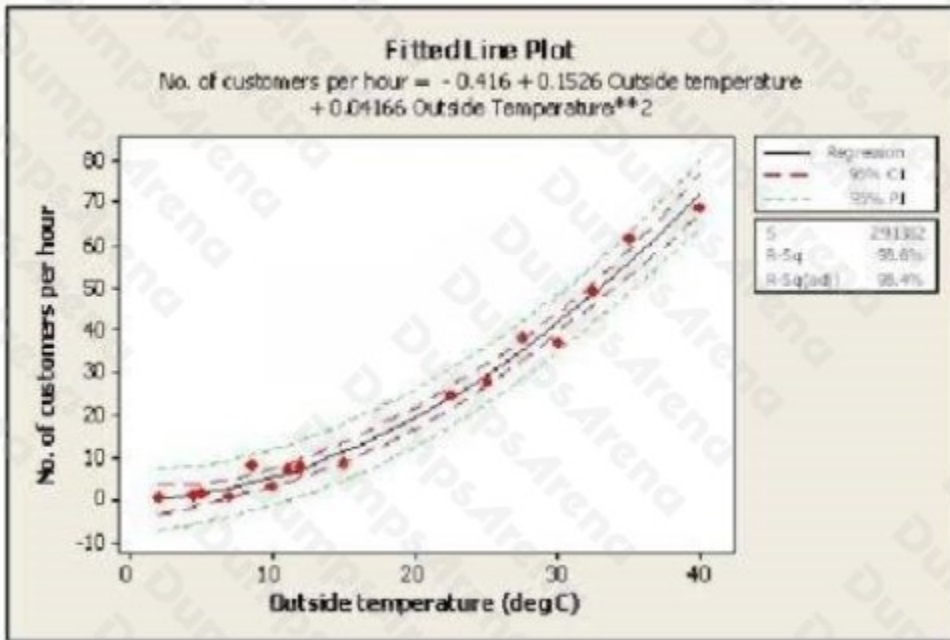
- A. Shift start
- B. Product development
- C. Receipt of an order

D. New fiscal year

ANSWER: C

QUESTION NO: 6

Which statement(s) are correct about the Regression shown here? (Note: There are 2 correct answers).

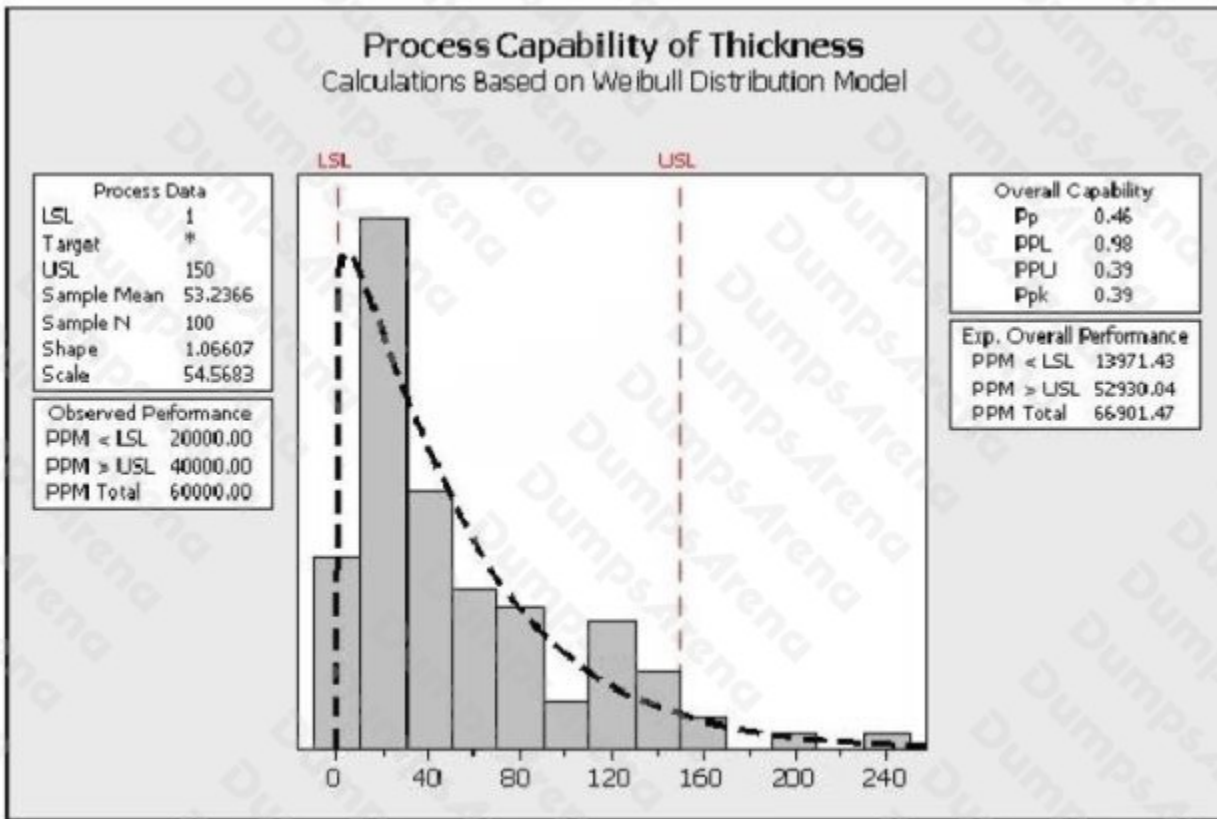


- A. The dependent variable is the outside temperature
- B. The relationship between outside temperature and number of customers per hour is a Linear Regression
- C. The dashed lines indicate with 95% confidence where all of the process data should fall between
- D. The dashed lines indicate with 95% confidence the estimate for the Quadratic Regression Line
- E. The predicted number of customers per hour is close to 5 if the outside temperature is 10 deg C

ANSWER: D E

QUESTION NO: 7

Review the analysis shown here. Which statements are true about the process? (Note: There are 3 correct answers).



- A. The initial focus for this project would be to determine why the thicknesses are so frequently too low
- B. The majority of the process is closer to the lower specification limit
- C. This process is described with the Weibull Distribution
- D. The process has more problems with Variation than Centering
- E. The process follows a non-normal distribution with the given data

ANSWER: B D E

QUESTION NO: 8

From this list select the items that define what an X-Y Diagram is. (Note: There are 4 correct answers).

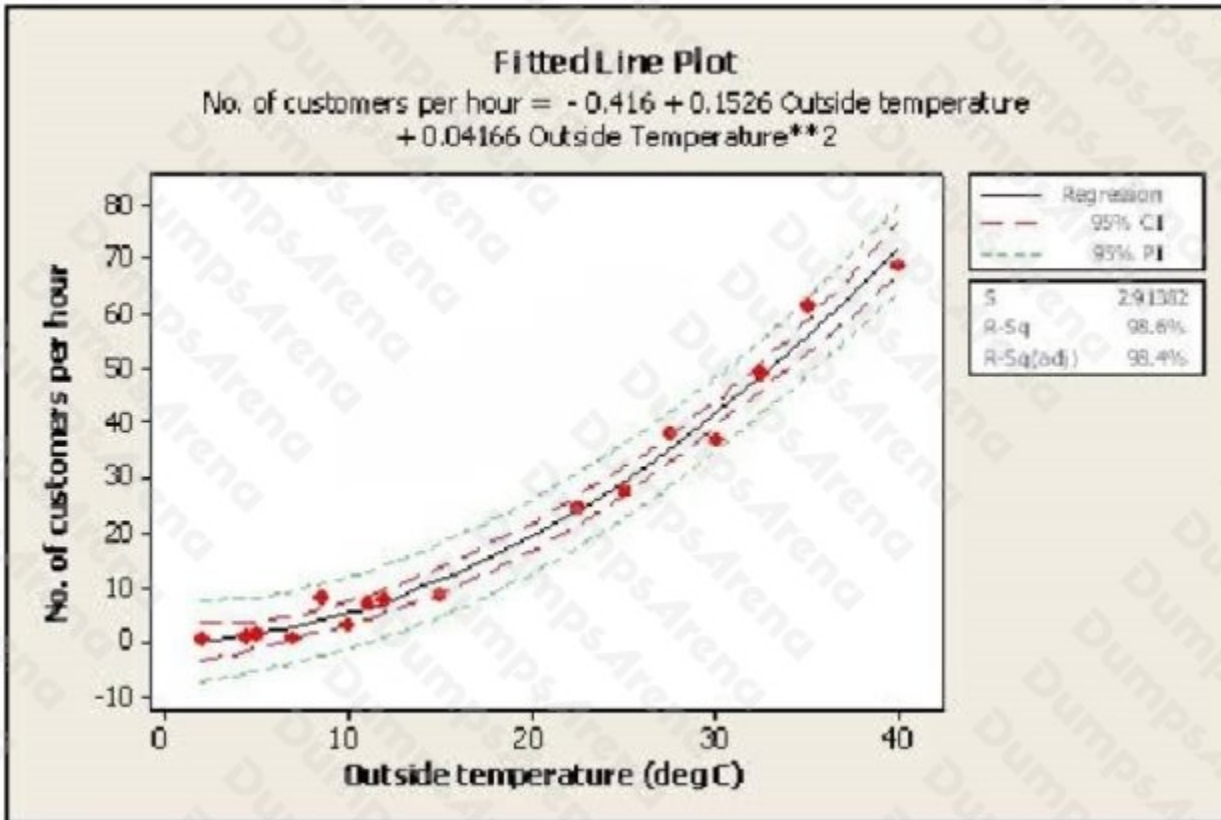
- A. Created for every project
- B. Based on team's collective opinions
- C. Updated whenever a parameter is changed
- D. Used to show each step in a process

E. A living document throughout project lifecycle

ANSWER: A B C E

QUESTION NO: 9

Which statement(s) are correct about the Regression shown here? (Note: There are 2 correct answers).



- A. The dependent variable is the outside temperature
- B. The relationship between outside temperature and number of customers per hour is a Linear Regression
- C. The dashed lines indicate with 95% confidence where all of the process data should fall between
- D. The dashed lines indicate with 95% confidence the estimate for the Quadratic Regression Line
- E. The predicted number of customers per hour is close to 5 if the outside temperature is 10 deg C

ANSWER: D E

QUESTION NO: 10

The primary objective in removal of waste is to improve the Order Production Cycle where the time from _____ to the time of receipt of payment is compressed.

- A. Shift start
- B. Product development
- C. Receipt of an order
- D. New fiscal year

ANSWER: C**QUESTION NO: 11**

What dollar amount of savings would a project show if it reduced your outstanding Accounts Receivable by \$1.4 million dollars to \$5.3 million total and your organization's marginal cost of capital was 6.2%?

- A. \$43,400
- B. \$86,800
- C. \$117,500
- D. \$328,600

ANSWER: B**QUESTION NO: 12**

The method of Steepest Ascent guides you toward a target inside the original inference space.

- A. True
- B. False

ANSWER: B**QUESTION NO: 13**

A _____ is used primarily to track the stability of the average value of a metric of interest.

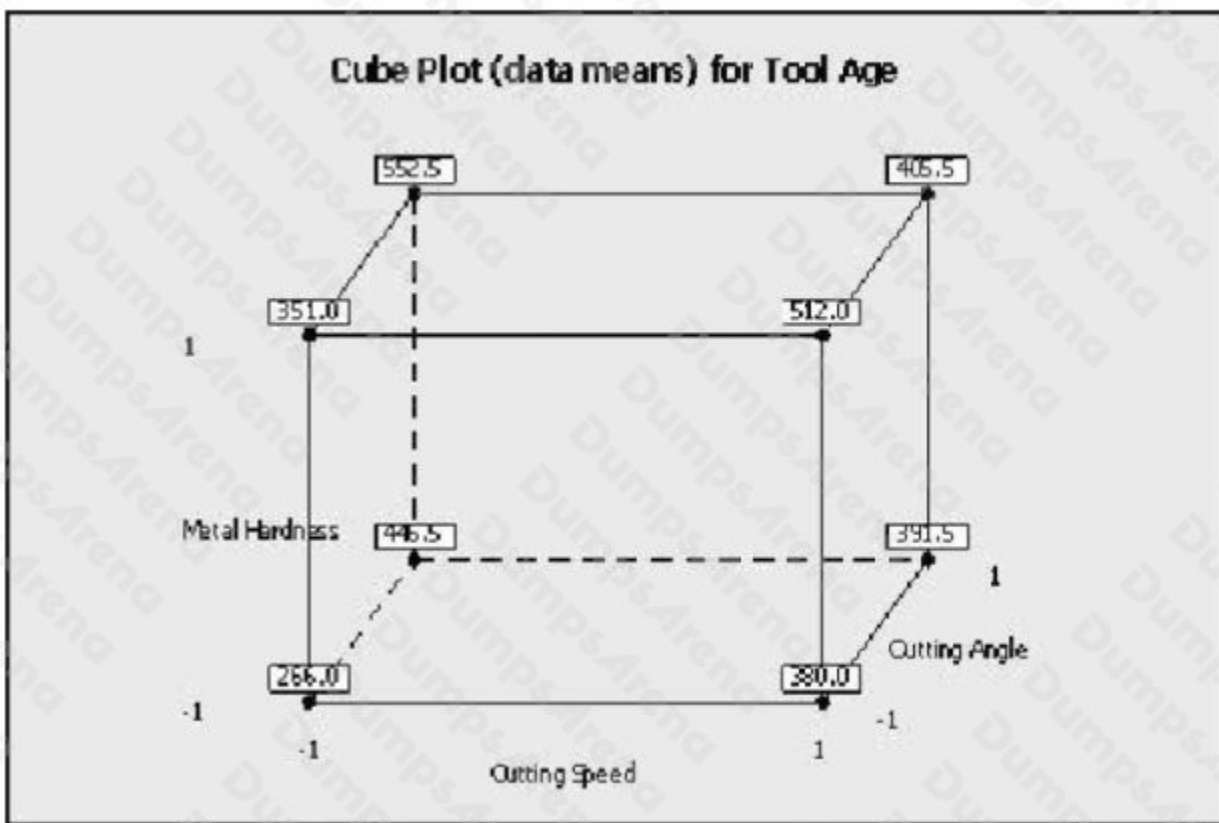
- A. NP Chart

- B. Xbar-R Chart
- C. I-MR Chart
- D. C Chart

ANSWER: B

QUESTION NO: 14

Which statement(s) are correct about the Factorial Plot shown here? (Note: There are 3 correct answers).



- A. When the cutting speed increased from low to high level, the tool age increases
- B. The coefficient of the metal hardness is positively related to the output of tool age
- C. The coded coefficient is lower for cutting speed than the cutting angle related to the output of tool age
- D. These plots prove a statistically significance factor with 95% confidence
- E. These plots are an example of interaction plots

ANSWER: A B C

QUESTION NO: 15

All the data points that represent the total set of information of interest is called the _____.

- A. Population
- B. Sample
- C. Frame
- D. Spread

ANSWER: A