LECTURE

WHAT IS A SCATTER DIAGRAM?

SIX SIGMA WHITE BELT

WHAT IS A SCATTER DIAGRAM?

IS ALSO KNOWN AS THE SCATTERPLOT

IS A POWERFUL VISUAL TOOL

DISPLAYS RELATIONSHIPS BETWEEN TWO VARIABLES

THE INDEPENDENT VARIABLE CORRESPONDS TO THE X AXIS (HORIZONTAL AXIS)

THE DEPENDENT VARIABLE CORRESPONDS TO THE Y AXIS (VERTICAL AXIS)

THE PATTERN IDENTIFIES WHETHER THERE IS ANY POSITIVE OR NEGATIVE OR NO CORRELATION

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WHAT IS THIS POSITIVE, NEGATIVE OR NO CORRELATION?

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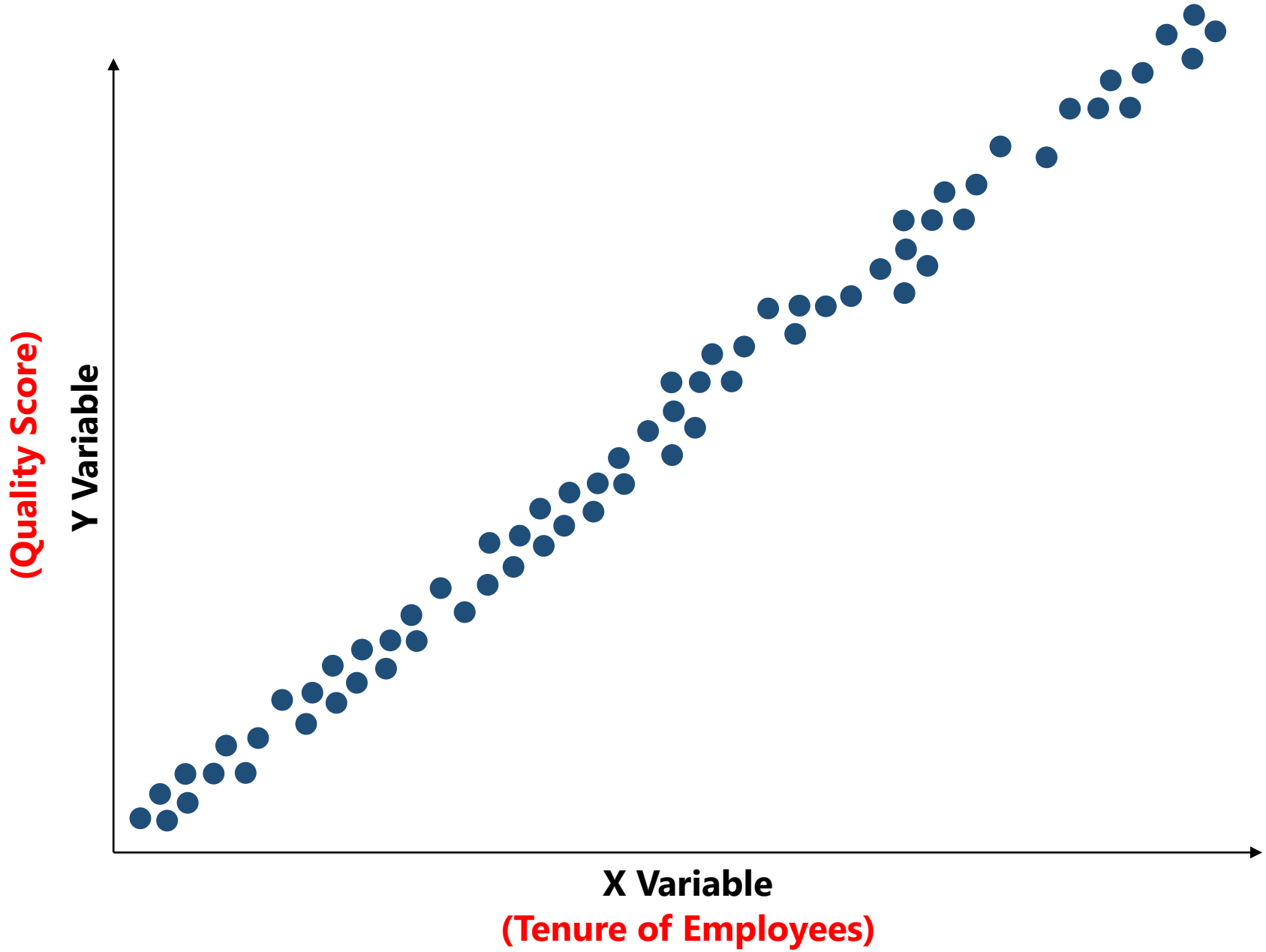

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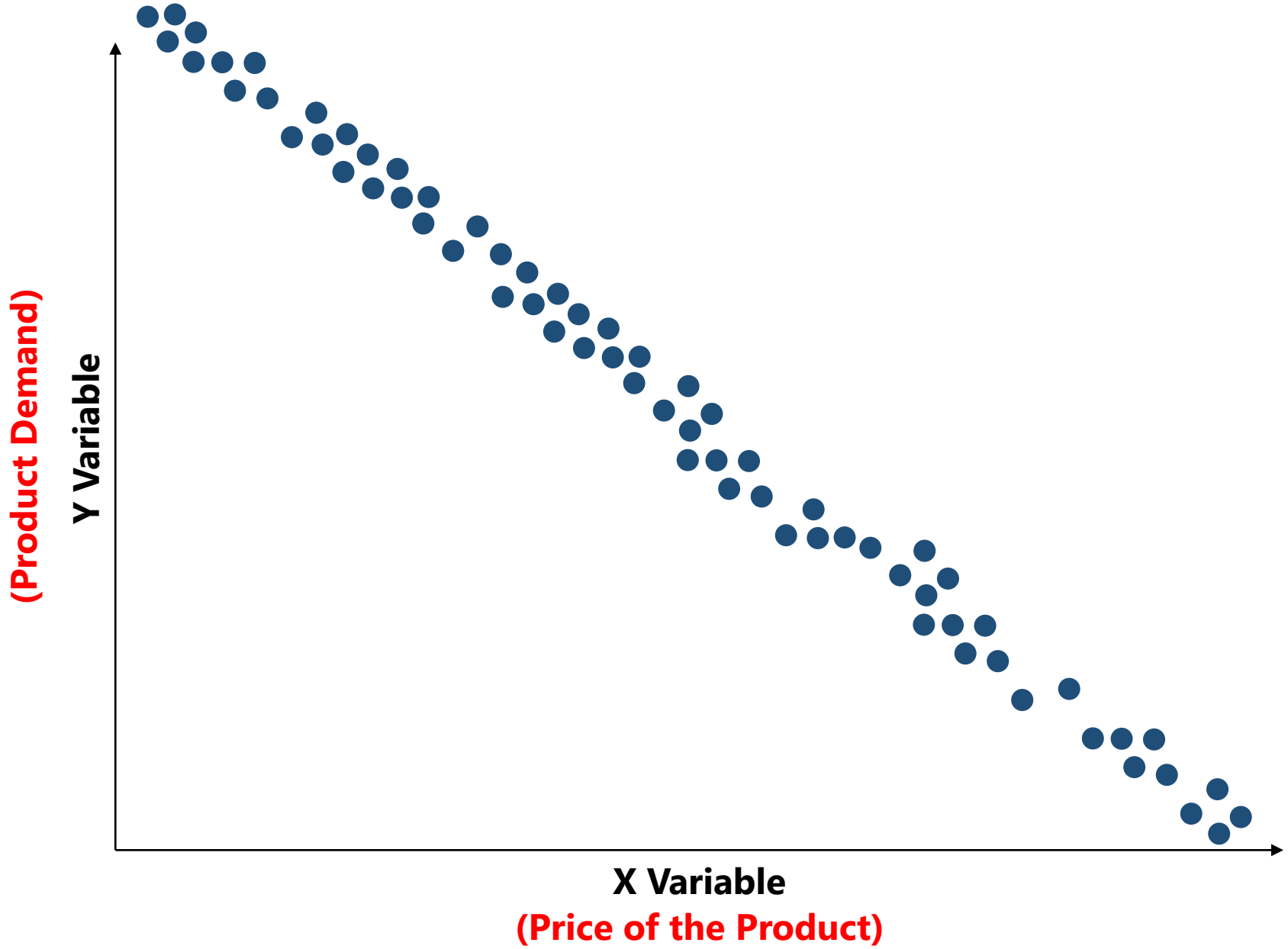

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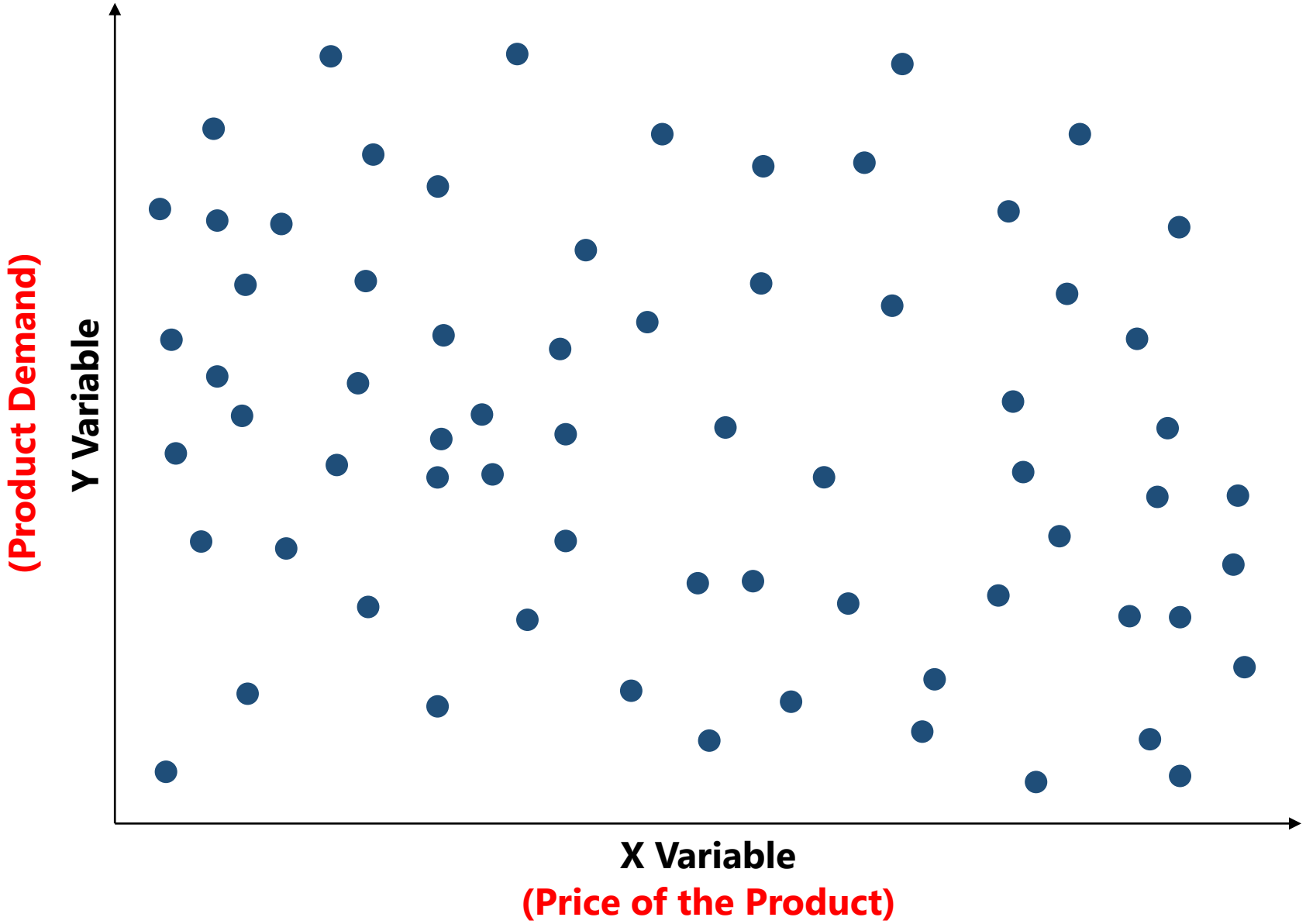

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WHEN DO YOU USE A SCATTERPLOT?

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WHEN TO USE A SCATTER DIAGRAM?

WHEN YOU WANT TO IDENTIFY IF AN INDEPENDENT VARIABLE HAS AN IMPACT ON A DEPENDENT VARIABLE

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WHEN TO USE A SCATTER DIAGRAM?

WHEN YOU WANT TO IDENTIFY IF AN INDEPENDENT VARIABLE HAS AN IMPACT ON A DEPENDENT VARIABLE

SCATTERPLOT CAN ONLY BE CONSTRUCTED WHEN BOTH THE X AND Y VARIABLES ARE CONTINUOUS

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