Dependent and Independent Variables

Jonathan R. Bacolod

Sauyo High School

What is a Dependent Variable?

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Its value depends on the independent variable.

What is a Dependent Variable?

- Its value depends on the independent variable.
- The y-values are considered the dependent variable because their values depend on the values of x.

What is an Independent Variable?

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Its value controls the value of the dependent variable.

What is an Independent Variable?

- Its value controls the value of the dependent variable.
- The x-values are considered the independent variable because any integer can be assigned to it.

Classify the variables as independent or dependent.

1. Time and salary

- Time and salary
 - Independent:

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 - Independent: time

- Time and salary
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 - Dependent:

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 - Dependent: salary

- Time and salary
 - Independent: time
 - Dependent: salary
- 2. Distance covered and volume of gasoline

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 - Dependent: distance
- 3. Height of a plant and number of months grown

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- 3. Height of a plant and number of months grown
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- 4. Number of hours boiling and the number of liters of water in a pot



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 - Independent: months
 - Dependent: height
- 4. Number of hours boiling and the number of liters of water in a pot
 - Independent: hours
 - Dependent: liters



Thank you for watching.