Results

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Table of Results

The data/information collected during the experiment.

Averages

When we have more than one set of results for an experiment, we can use the average values to help get a more accurate value.

Averages

We can work out the average value by adding all the values together and then dividing the total by the number of values.

E.g. We have the values: 4, 7, and 10. We want to know the average.

4 + 7 + 10 = 21

21 ÷ 3 = 7

The average is 7.

Averages
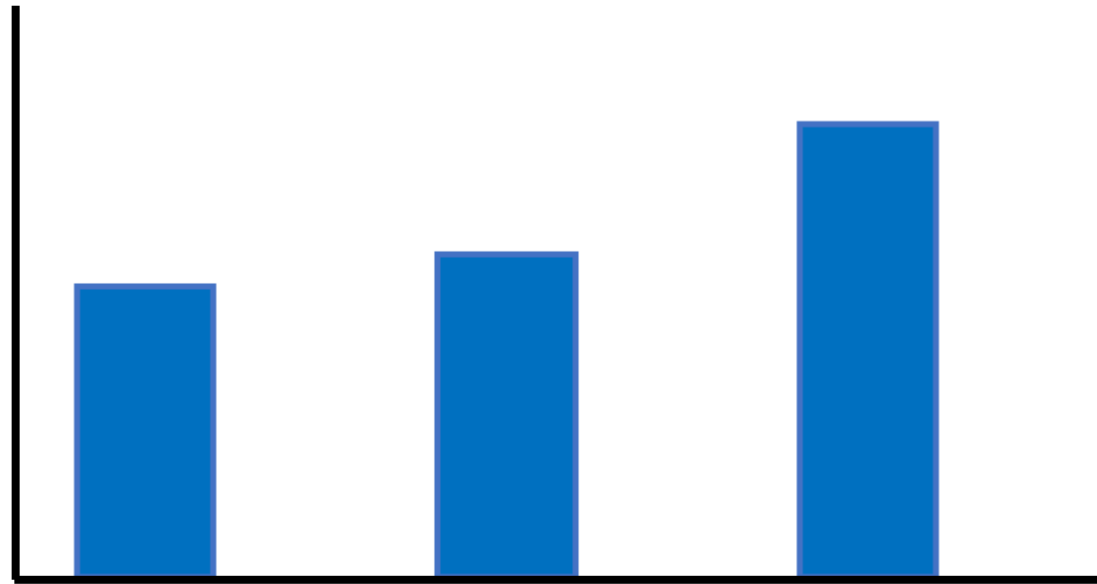
So, what is the average of:
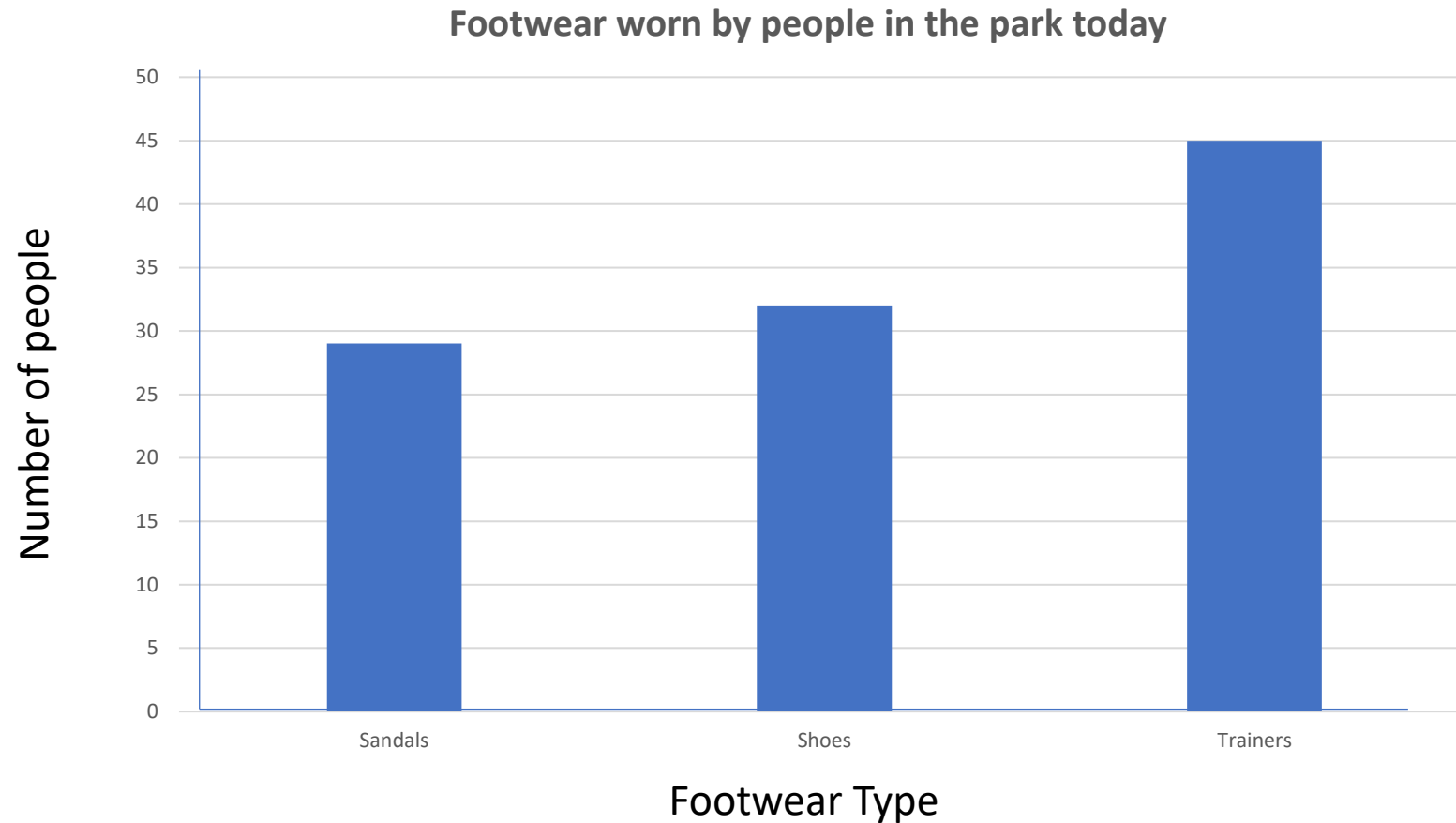
3, 4, and 5?

2, 2, 5, and 7?

23 and 27?

1, 2, 3, and 4?

Graphs

Used to show the results and help understand them.

Bar Graphs

Bar Graphs

Footwear worn by people in the park today

Your Results

For your experiment, record the growth height of your plants at the end. This will give you two results tables.

Create a graph to show the average height reached by the plants in each pot.
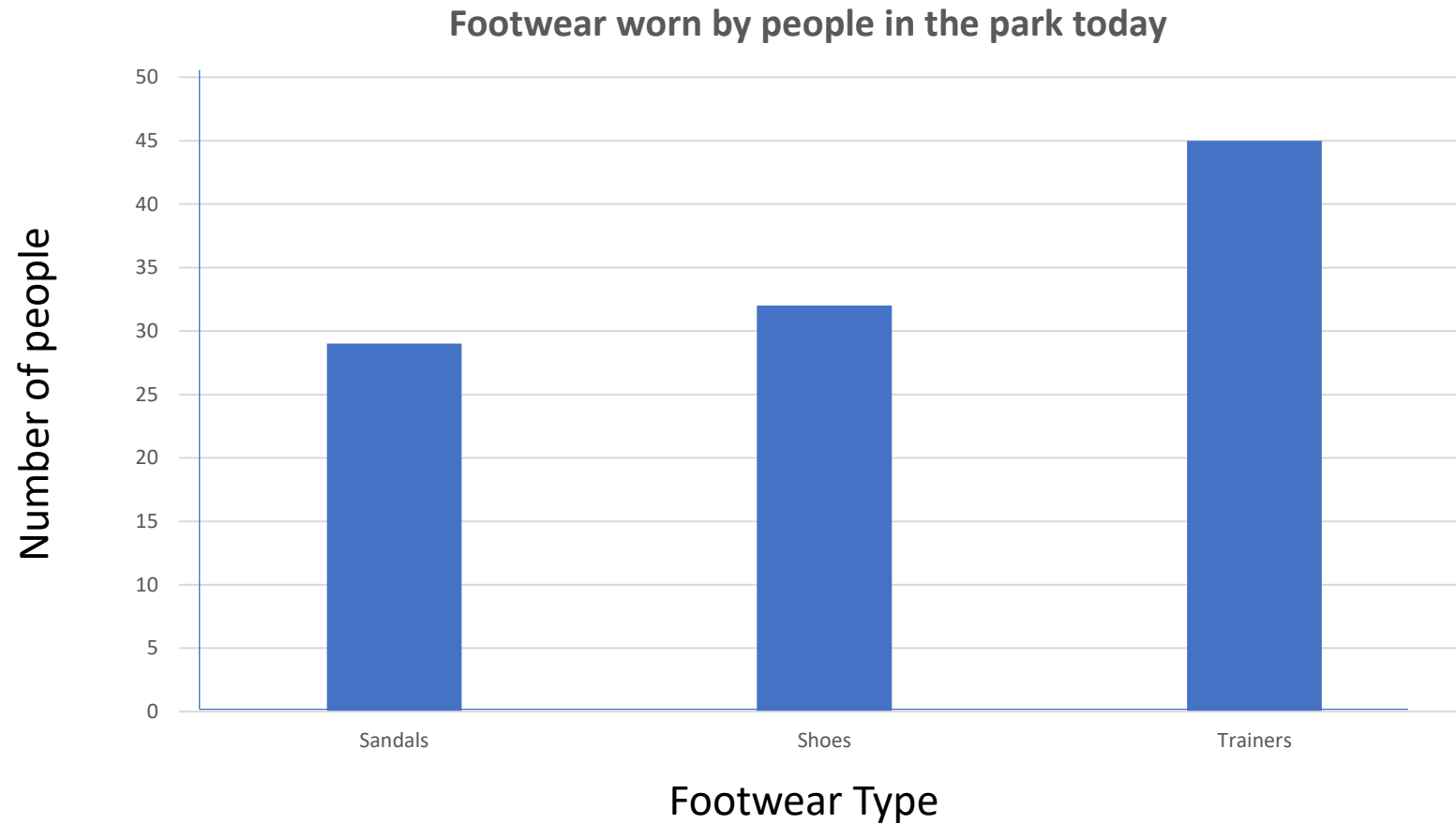
We do not expect a graph for the sensor data.

Analysis

Analysis

What the results tell us.

Analysis

Footwear worn by people in the park today

Your Analysis

Which plant grew best?

Which grew the worst?

Do the results surprise you? Why?

What do the results mean for your greenhouse design?

What is the average sensor reading for the best growth?

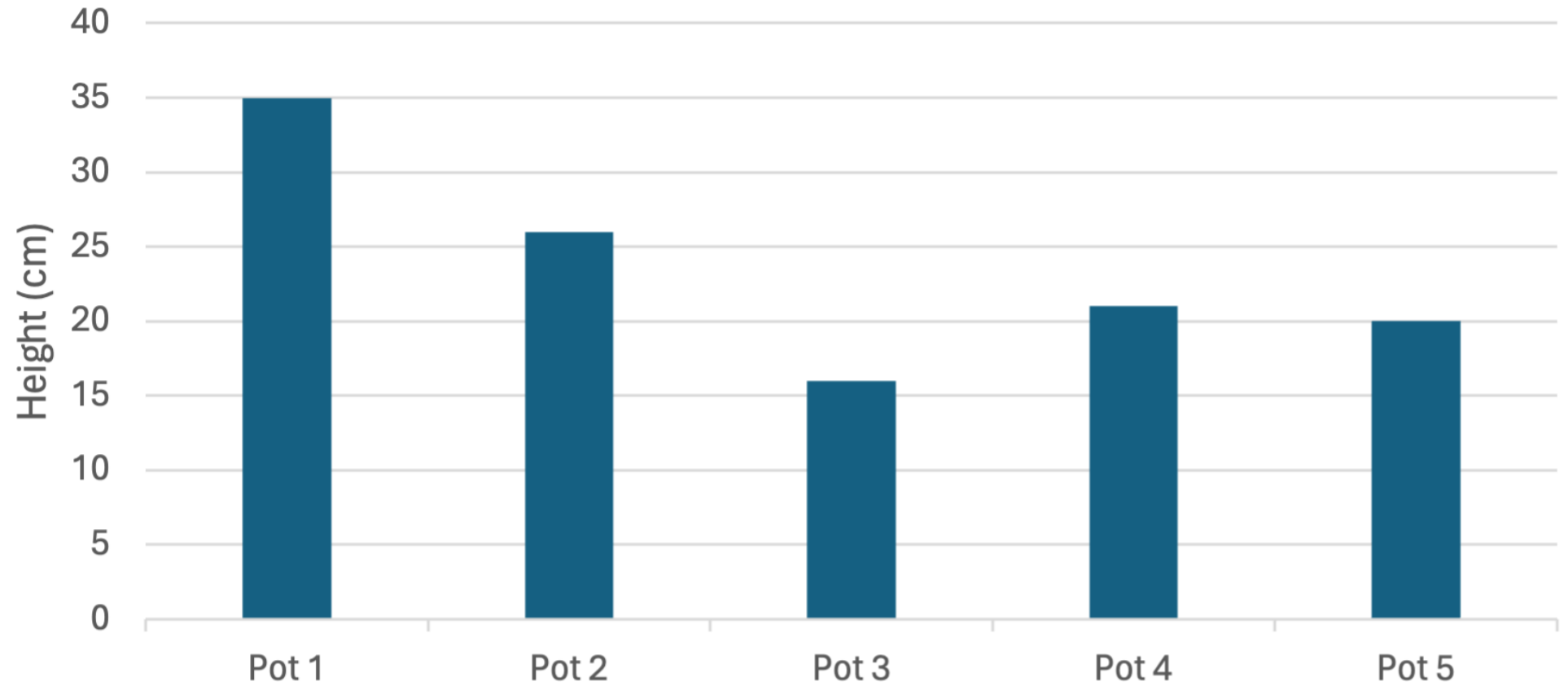# Evaluation

Evaluation

How well did the experiment go?

What problems did you have?

How could you have improved it?

Plant Growth Example
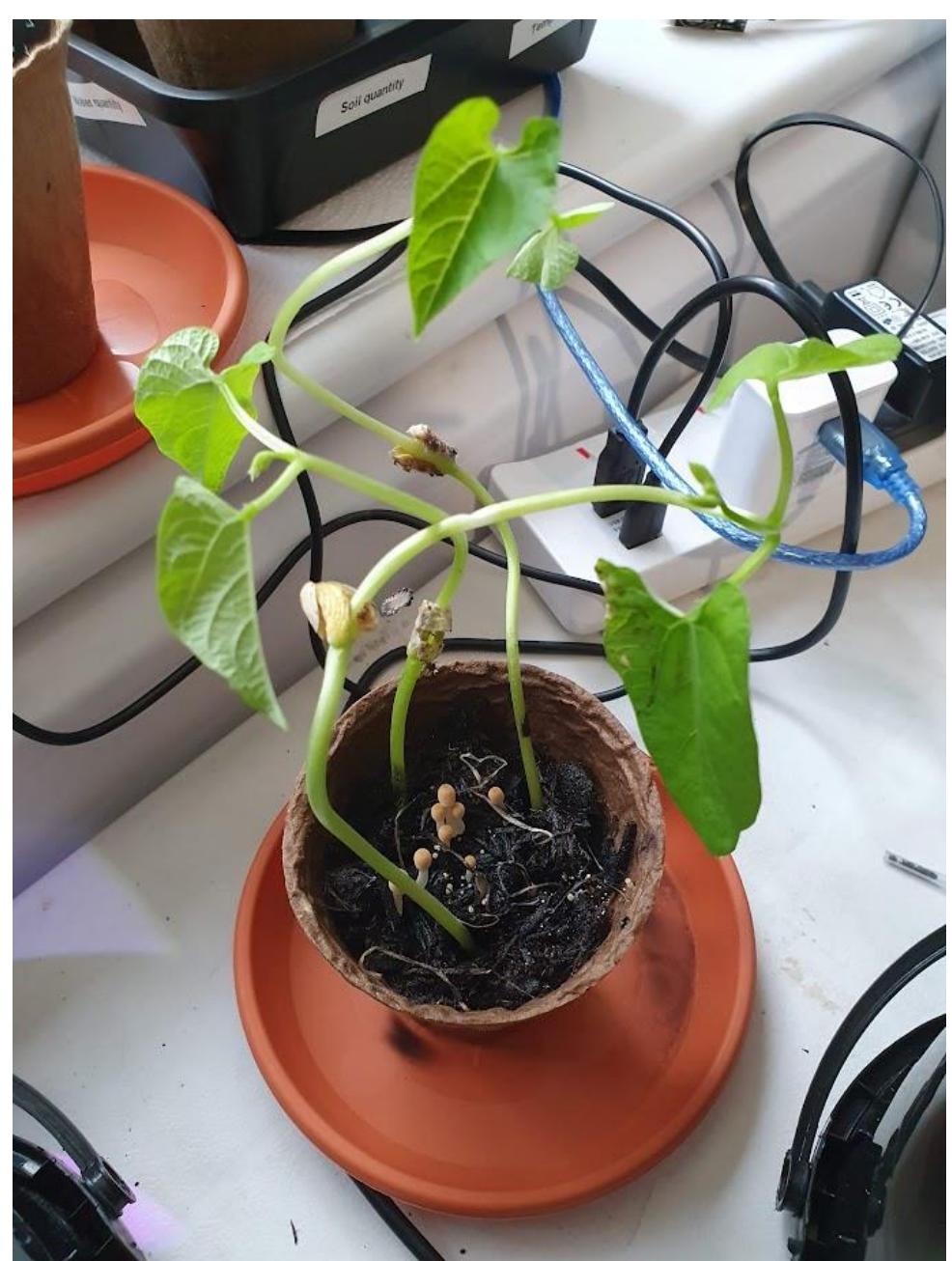
Results

Analysis

The results show that plant 1 grew the tallest.

Does this mean that this is the best result?

Analysis

Analysis

Evaluation

I would measure more than just the height of the plant. Counting open leaves and how green the plant is would help determine the best results.

Thank You!