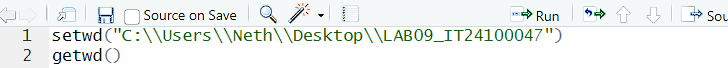
LAB 09 IT24100047

1. Assume that the time taken to bake a batch of cookies is normally distributed with mean 45 minutes and standard deviation 2 minutes.



A blue text on a white background

AI-generated content may be incorrect.

i. Generate a random sample of size 25 for the baking time.

A black text with blue and red letters

AI-generated content may be incorrect.

A number and numbers on a white background

AI-generated content may be incorrect.

ii.Test whether the average baking time is less than 46 minutes at a 5% level of significance.

A black and blue text

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A computer code with numbers and symbols

AI-generated content may be incorrect.

A close-up of a computer code

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