**Lab Sheet 09**

Exercise Instructions: Create a folder in your desktop with your registration number (Eg: ”IT.......”). You need to save the R script file and take screenshots of the command prompt with answers and save it in a word document inside the folder. Save both R script file and word document with your registration number (Eg: ”IT........”). After you f inish the exercise, zip the folder and upload the zip file to the submission link. 1. Assume that the time taken to bake a batch of cookies is normally distributed with mean 45 minutes and standard deviation 2 minutes.

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

A screenshot of a computer

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A close-up of a number

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

A computer screen shot of a computer code

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A white screen with blue text

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A white background with black text

AI-generated content may be incorrect.