

Hands-on Exercise No. 4
DigiSkills 2.0 Batch-08
Data Analytics and Business Intelligence

Total Marks: 10
Due Date: 19/09/2024

Instructions:

Please read the following instructions carefully before submitting this Hands-on Exercise:

- Use MS Word to prepare exercise solution.
- You may consult tutorials and videos if the concept is not clear.
- Your submitted exercise will not be considered/counted if:
 - It is submitted after due date.
 - It is not in the required format (.doc or .docx)
 - It does not open, or file is corrupt.
 - It is copied (partial or full) from any source (websites, forums, students, etc.)

Learning Outcome:

After completing this exercise, you shall be able to:

- Download and install the free R Studio version
- Use the basic R commands for the dataset
- Create boxplot and histogram for dataset column

Problem Statement:

In this exercise, you are required to perform the given tasks and provide screenshots of each task in MS Word solution file:

Tasks:

- 1) Download and Install free R Studio version from the following link. (1 Mark)
<https://www.rstudio.com/products/rstudio/download/>
- 2) Download the dataset from the following link and load the dataset in R Studio. (2 Mark)
<https://www.kaggle.com/datasets/akshaydattatraykhare/car-details-dataset>

- 3) Use the following R commands for car details dataset. (3 Mark)

<code>head(dataset_variable)</code>	<code>tail(dataset_variable)</code>	<code>names(dataset_variable)</code>
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- 4) Create boxplot using `boxplot(column_name)` command for `selling_price` column. (2 Mark)
- 5) Create histogram using `hist(column_name)` command for `km_driven` column. (2 Mark)

Requirements:

In this exercise you are required to perform all the given tasks and provide

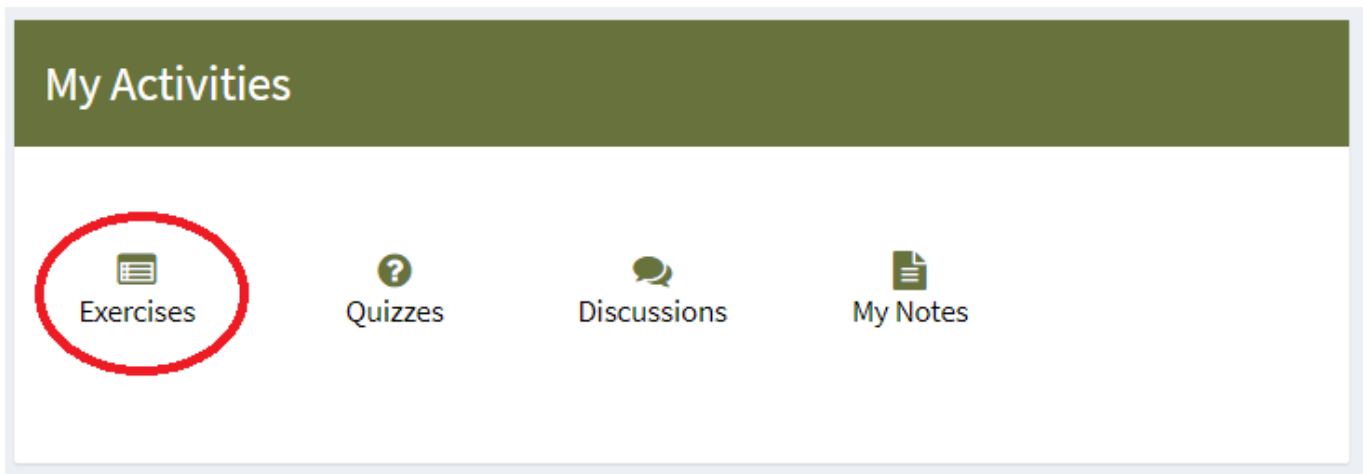
- Screenshots of Task 1, 2, 3, 4,5.
- Submit the completed tasks in word document.

BEST OF LUCK 😊

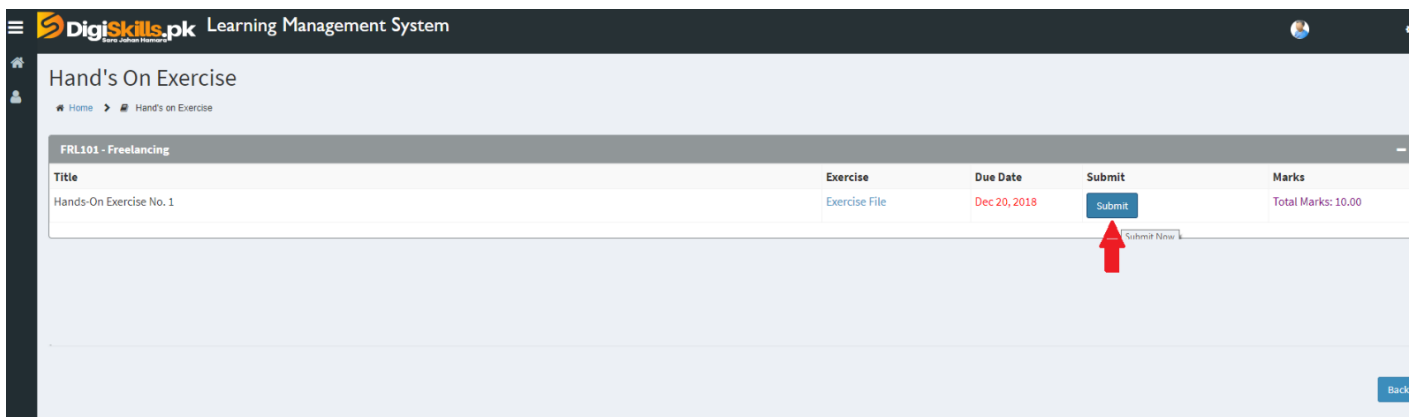
How to submit solution file on LMS?

Please perform the following steps for submitting your solution using LMS:

- 1) Login to the LMS.
- 2) Click on the **Exercises** button within the **My Activities** section.



- 3) Click on the submit button to upload your Solution.



- 4) Keep in mind to upload your Solution in .doc or .docx format.