



Ministry of Information  
Technology & Telecom  
Government of Pakistan



**Hands-on Exercise No. 3**  
**DigiSkills 2.0 Batch-07**  
**Data Analytics & Business Intelligence**

**Total Marks: 10**

**Due Date: Due Date: 30/05/2024**

**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:

- Learn Multi-row cards in PowerBi
- Create donut chart in PowerBi

### **Problem Statement**

Power BI offers a powerful combination of visuals to effectively communicate data insights. Cards provide a quick and clear way to display key metrics. Multi-row cards take this a step further by showcasing multiple measures within a single card, ideal for comparing different values. When it comes to visualizing how a whole is composed, donut charts shine.

### **Tasks:**

1. You are required to download the dataset from the following link:  
[https://lms.digiskills.pk/Courses/DBI101/Downloads/Bike\\_Sales\\_Sort\\_Dataset.csv](https://lms.digiskills.pk/Courses/DBI101/Downloads/Bike_Sales_Sort_Dataset.csv) and open the downloaded sample CSV file Bike Sales\_Sort\_Dataset.csv in PowerBI. (Provide screenshot)
2. You are required to create a card in Power BI to monitor what is the total sum of profit across all states. (Provide screenshot)
3. Create a multi row card where you will show the SUM of Revenue, Unit cost and Unit price. (Provide Screenshot)
4. Create a donut chart showing profit by state. (Provide Screenshot)

### **Requirements:**

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

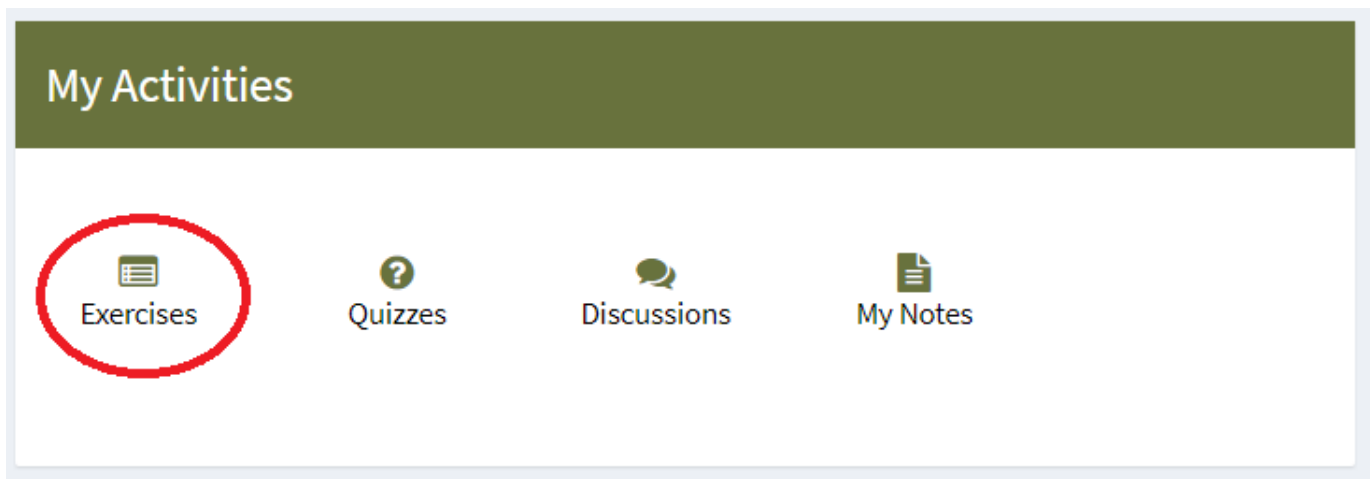
- Screenshots of Task 1, 2, 3, 4.
- Submit the completed tasks in word document.

BEST OF LUCK ☺

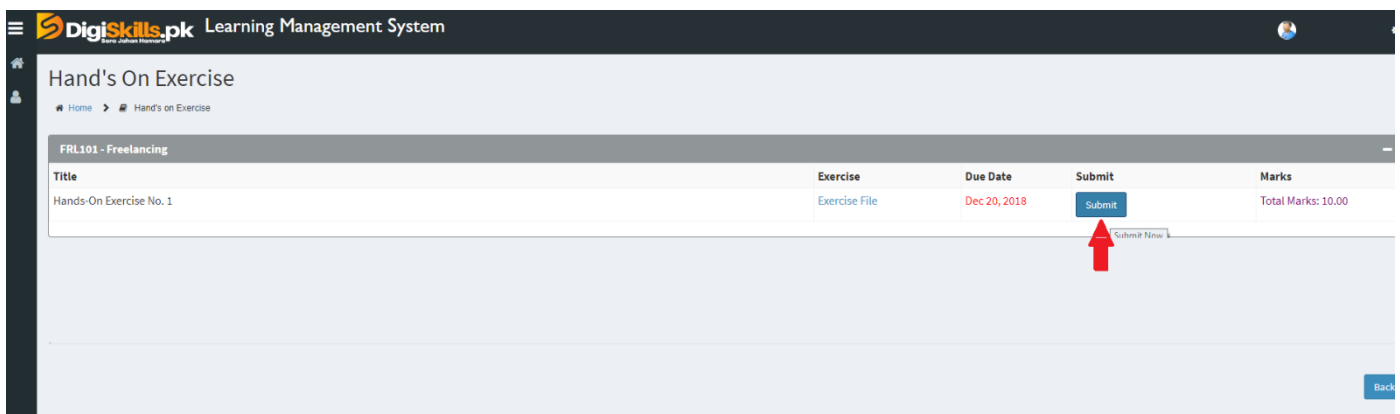
## How to submit solution file on LMS?

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