Hands-on Exercise No. 3 (Solution) **DigiSkills 2.0 Batch-07** **Data Analytics & Business Intelligence**	**Total Marks: 10**

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 and open the downloaded sample CSV file Bike Sales_Sort_Dataset.csv in PowerBI.

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 in which you show the profit by state. (Provide Screenshot)

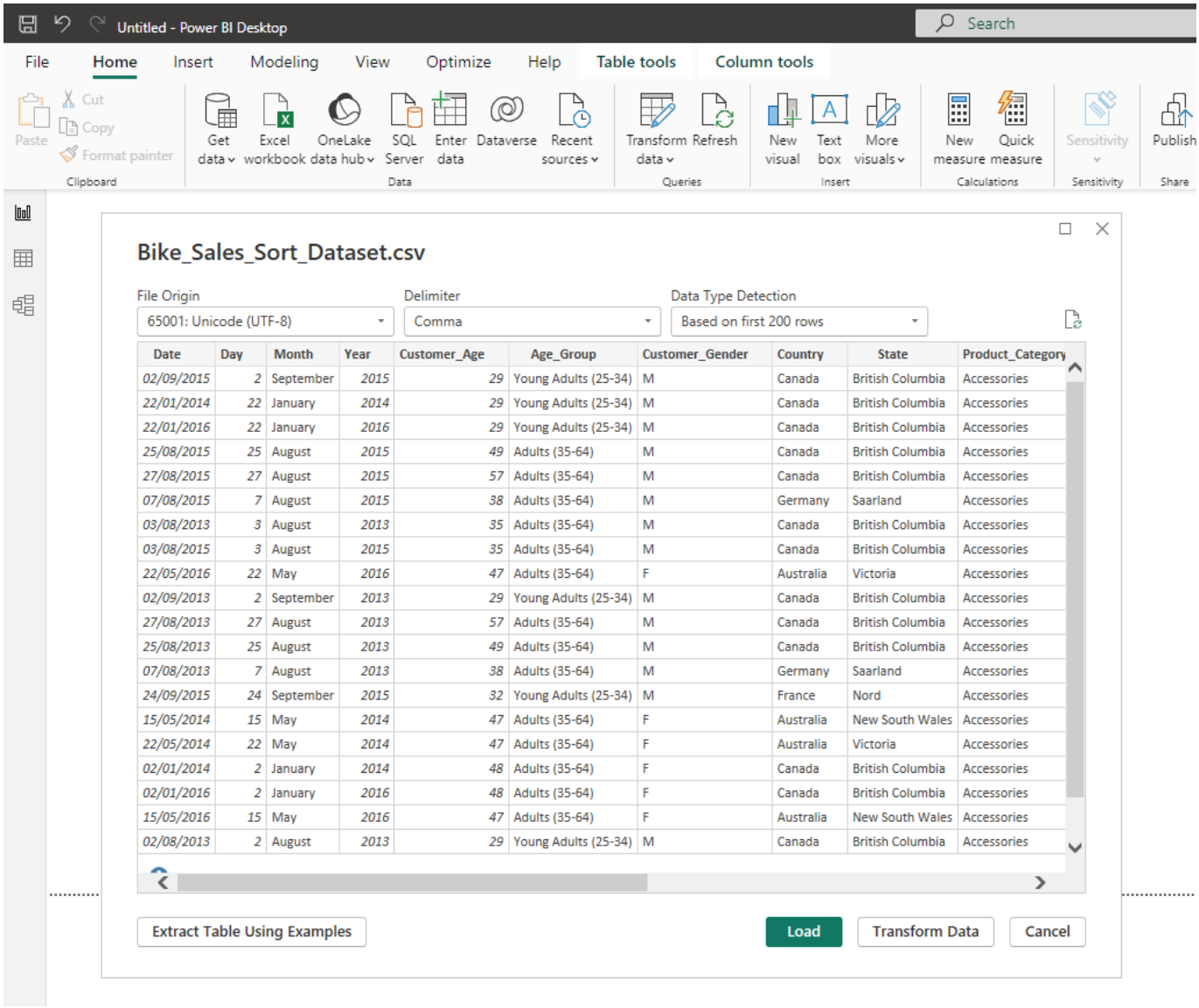
Requirements:

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

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

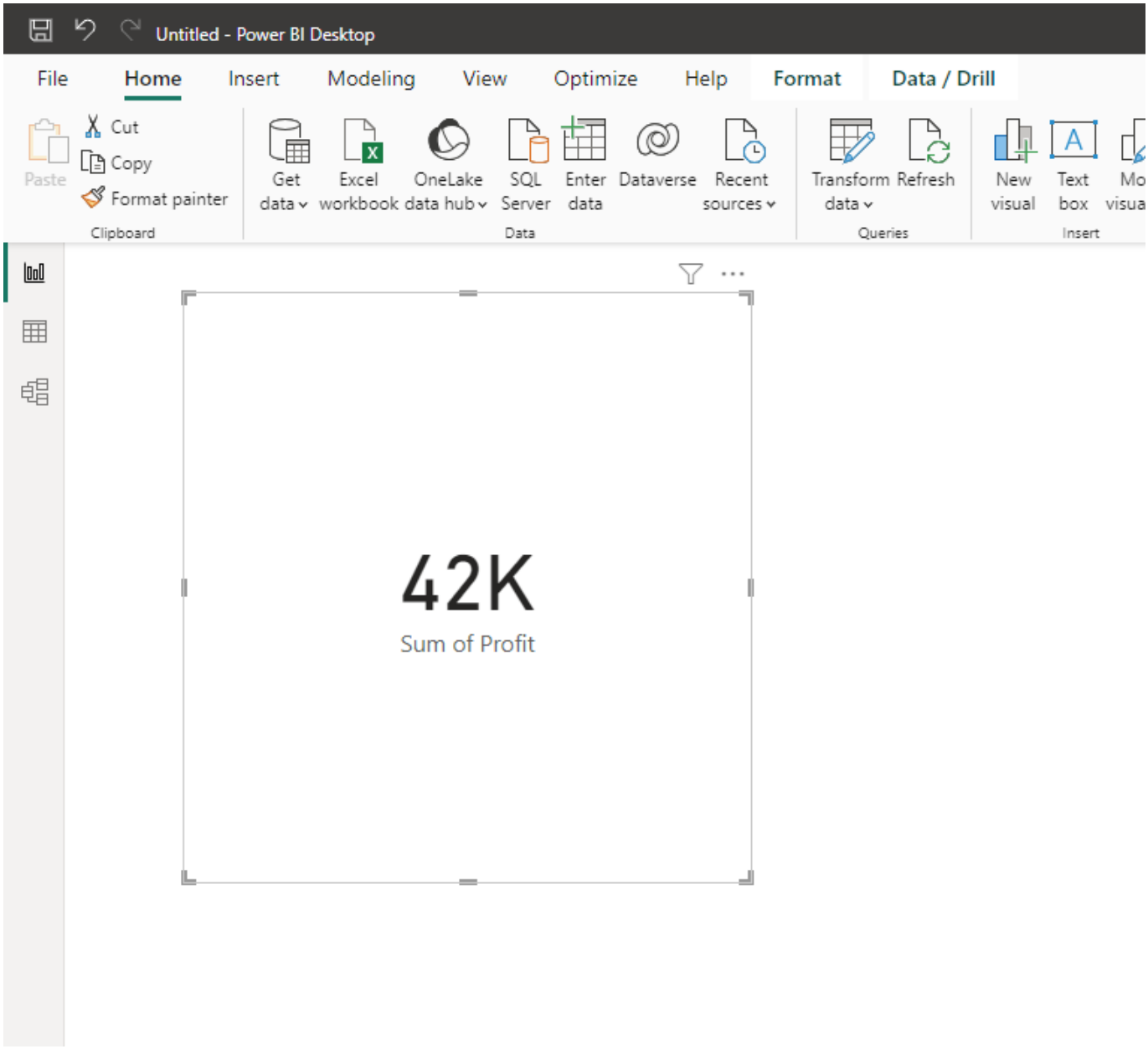
BEST OF LUCK ☺

1. You are required to download the dataset from the following link: https://lms.digiskills.pk/Courses/DBI101/Downloads/Bike_Sales_Sort_Dataset.csv and upload the downloaded CSV file Bike Sales_Sort_Dataset.csv in PowerBI. (Provide a screenshot)

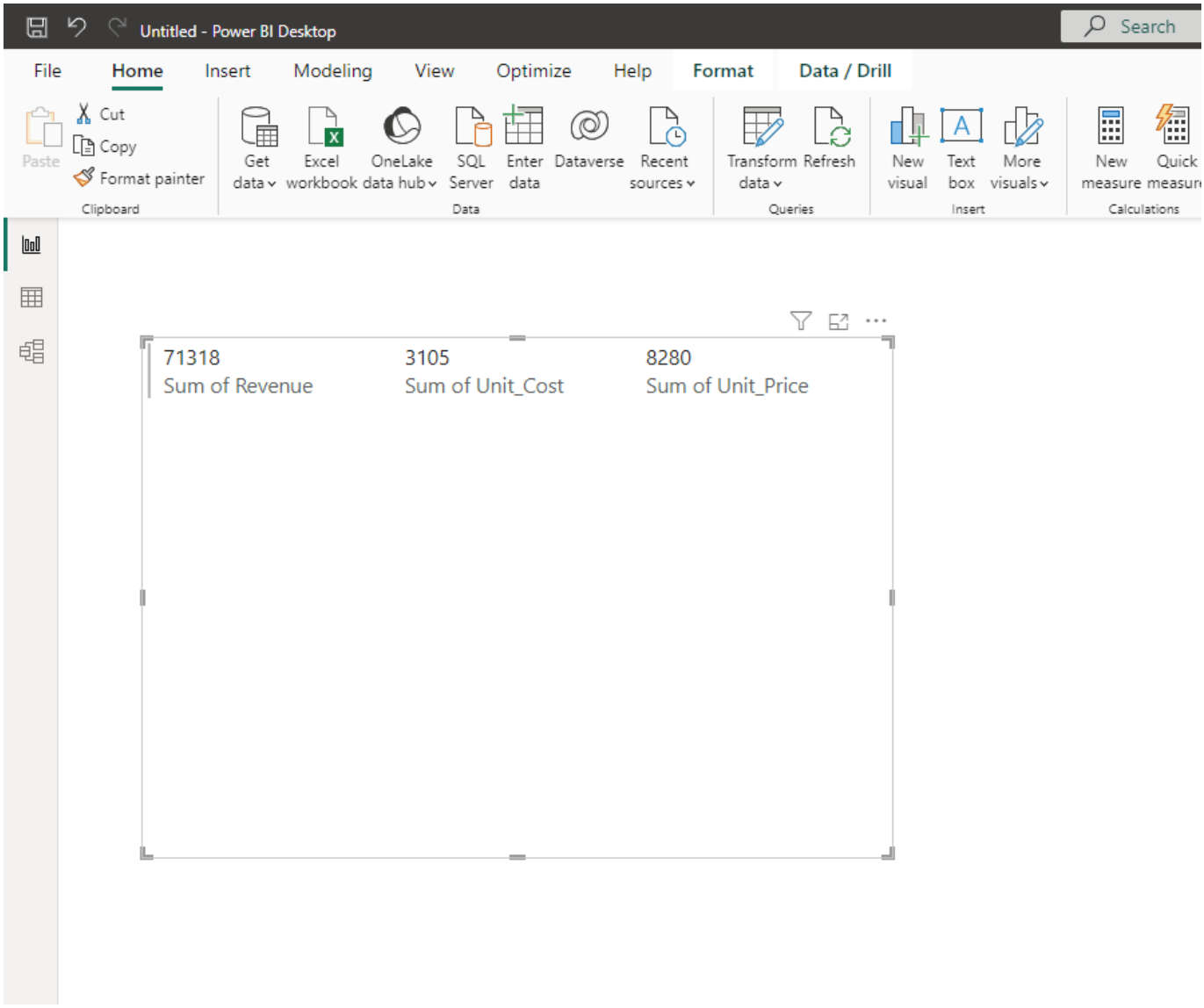


Date	Day	Month	Year	Customer_Age	Age_Group	Customer_Gender	Country	State	Product_Category
02/09/2015	2	September	2015	29	Young Adults (25-34)	M	Canada	British Columbia	Accessories
22/01/2014	22	January	2014	29	Young Adults (25-34)	M	Canada	British Columbia	Accessories
22/01/2016	22	January	2016	29	Young Adults (25-34)	M	Canada	British Columbia	Accessories
25/08/2015	25	August	2015	49	Adults (35-64)	M	Canada	British Columbia	Accessories
27/08/2015	27	August	2015	57	Adults (35-64)	M	Canada	British Columbia	Accessories
07/08/2015	7	August	2015	38	Adults (35-64)	M	Germany	Saarland	Accessories
03/08/2013	3	August	2013	35	Adults (35-64)	M	Canada	British Columbia	Accessories
03/08/2015	3	August	2015	35	Adults (35-64)	M	Canada	British Columbia	Accessories
22/05/2016	22	May	2016	47	Adults (35-64)	F	Australia	Victoria	Accessories
02/09/2013	2	September	2013	29	Young Adults (25-34)	M	Canada	British Columbia	Accessories
27/08/2013	27	August	2013	57	Adults (35-64)	M	Canada	British Columbia	Accessories
25/08/2013	25	August	2013	49	Adults (35-64)	M	Canada	British Columbia	Accessories
07/08/2013	7	August	2013	38	Adults (35-64)	M	Germany	Saarland	Accessories
24/09/2015	24	September	2015	32	Young Adults (25-34)	M	France	Nord	Accessories
15/05/2014	15	May	2014	47	Adults (35-64)	F	Australia	New South Wales	Accessories
22/05/2014	22	May	2014	47	Adults (35-64)	F	Australia	Victoria	Accessories
02/01/2014	2	January	2014	48	Adults (35-64)	F	Canada	British Columbia	Accessories
02/01/2016	2	January	2016	48	Adults (35-64)	F	Canada	British Columbia	Accessories
15/05/2016	15	May	2016	47	Adults (35-64)	F	Australia	New South Wales	Accessories
02/08/2013	2	August	2013	29	Young Adults (25-34)	M	Canada	British Columbia	Accessories

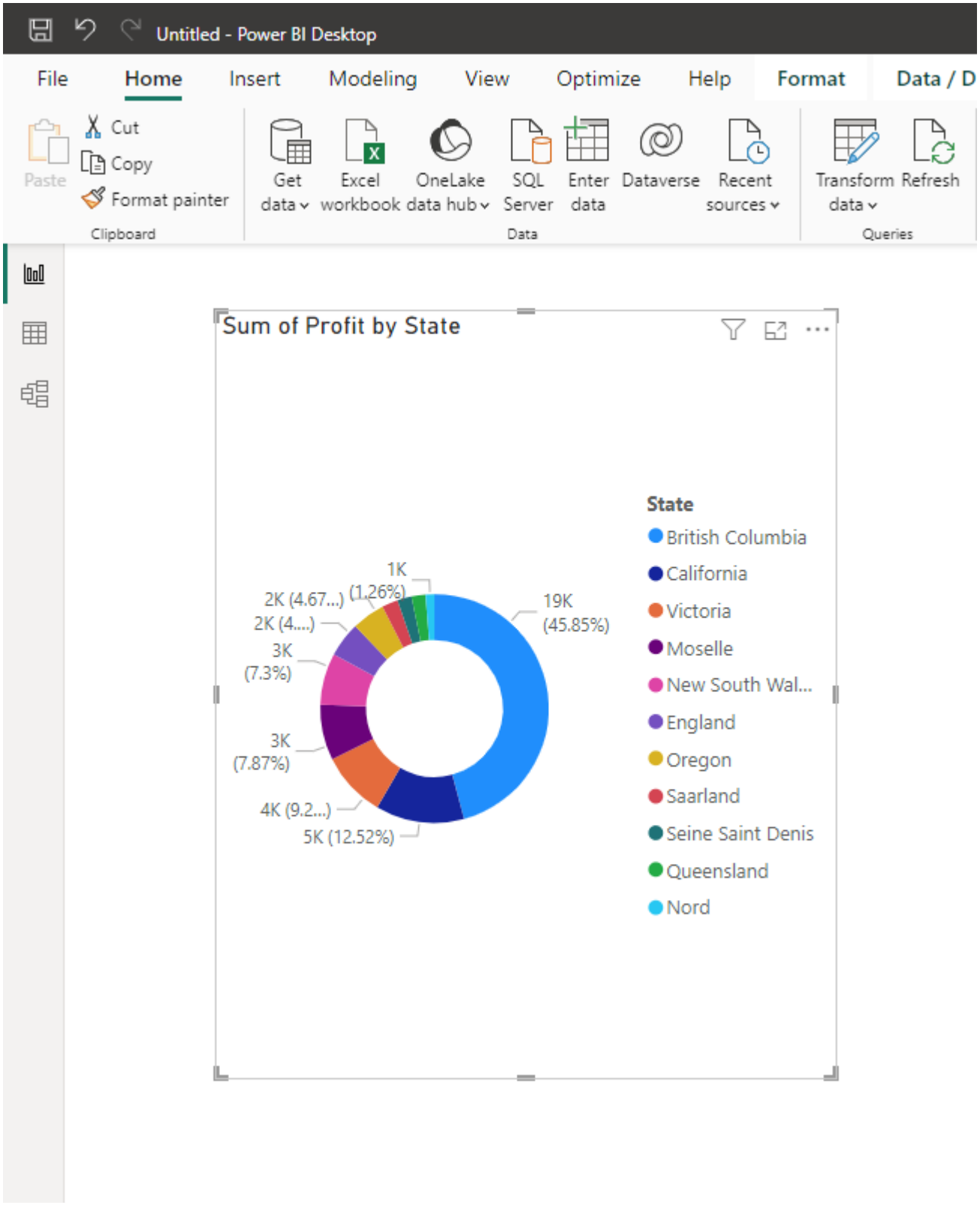
2) You are required to create a card in Power BI to monitor what is the total sum of profit across all states. (Provide screenshot)



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 in which you show the profit by state. (Provide Screenshot)

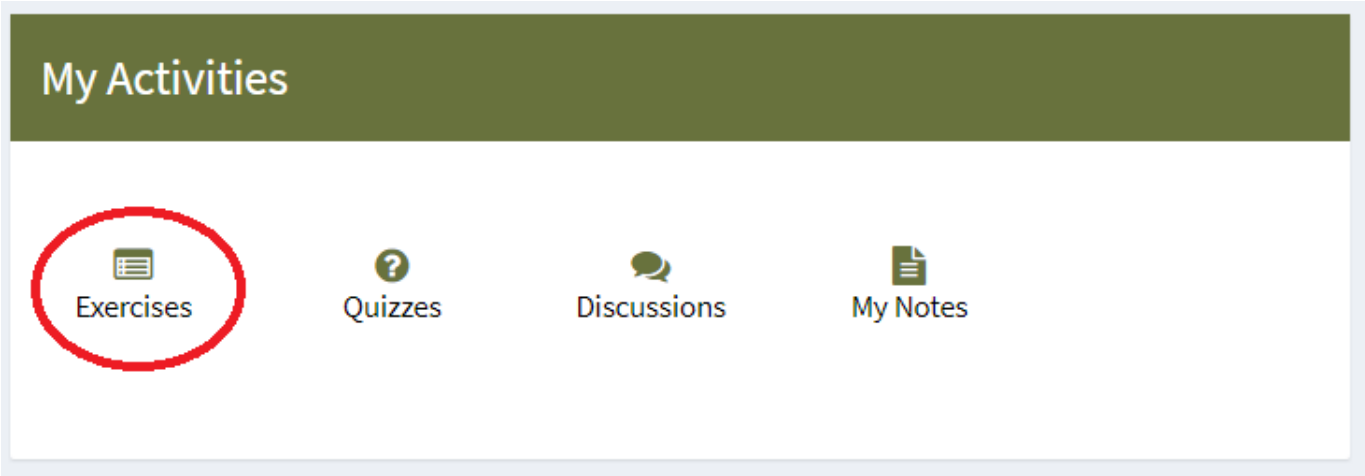

Untitled - Power BI Desktop
File
Home
Insert
Modeling
View
Optimize
Help
Format
Data / D
Paste
Cut
Copy
Format painter
Clipboard
Get data
Excel workbook
OneLake data hub
SQL Server
Enter data
Dataverse
Recent sources
Data
Transform data
Refresh
Queries
Sum of Profit by State
1K (1.26%)
2K (4.67...)
2K (4....)
3K (7.3%)
3K (7.87%)
4K (9.2...)
5K (12.52%)
19K (45.85%)
State
British Columbia
California
Victoria
Moselle
New South Wal...
England
Oregon
Saarland
Seine Saint Denis
Queensland
Nord

How to submit solution file on LMS?

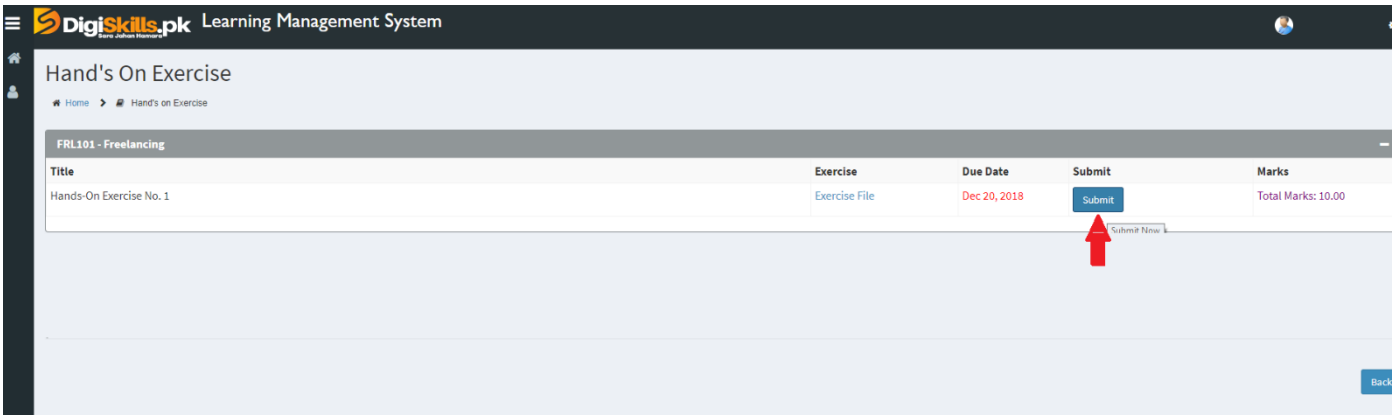
Please perform the following steps for submitting your solution using LMS:

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