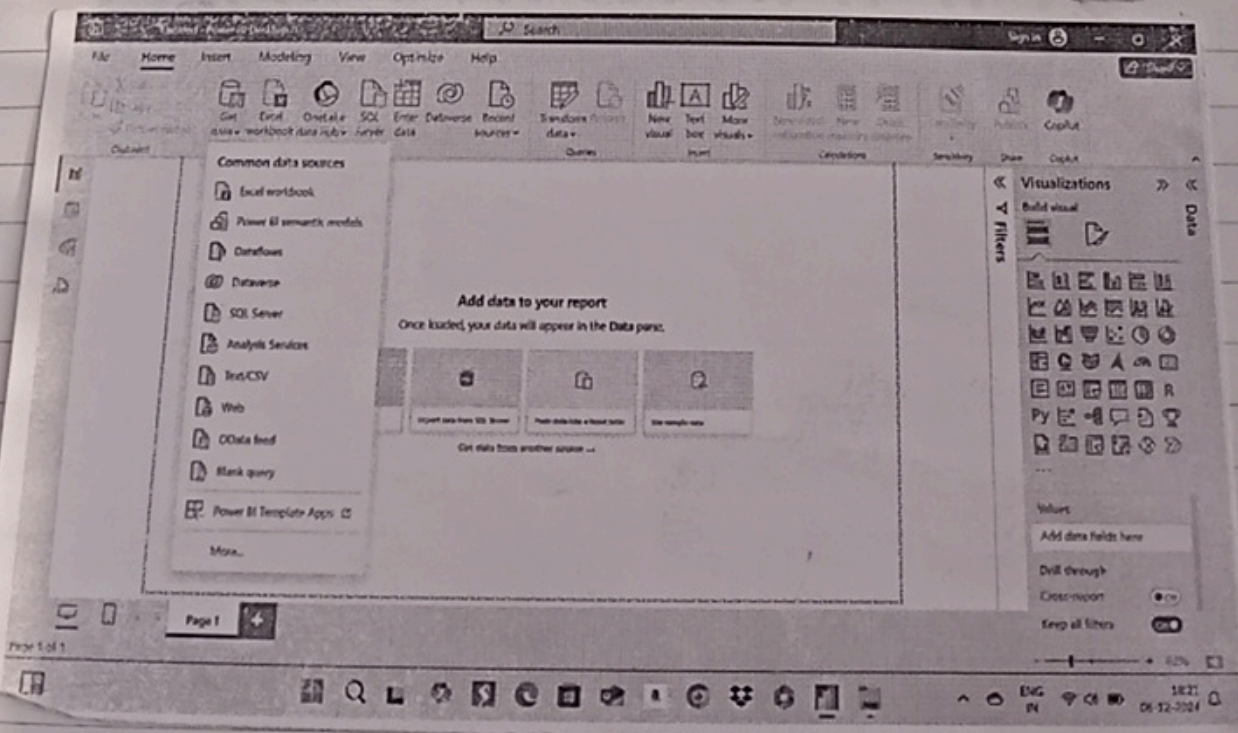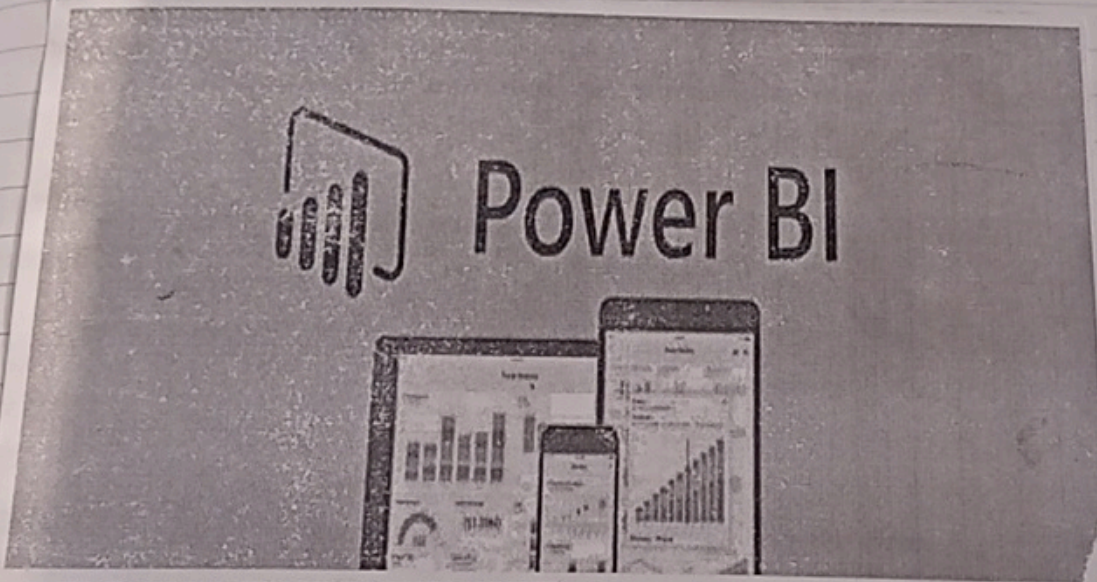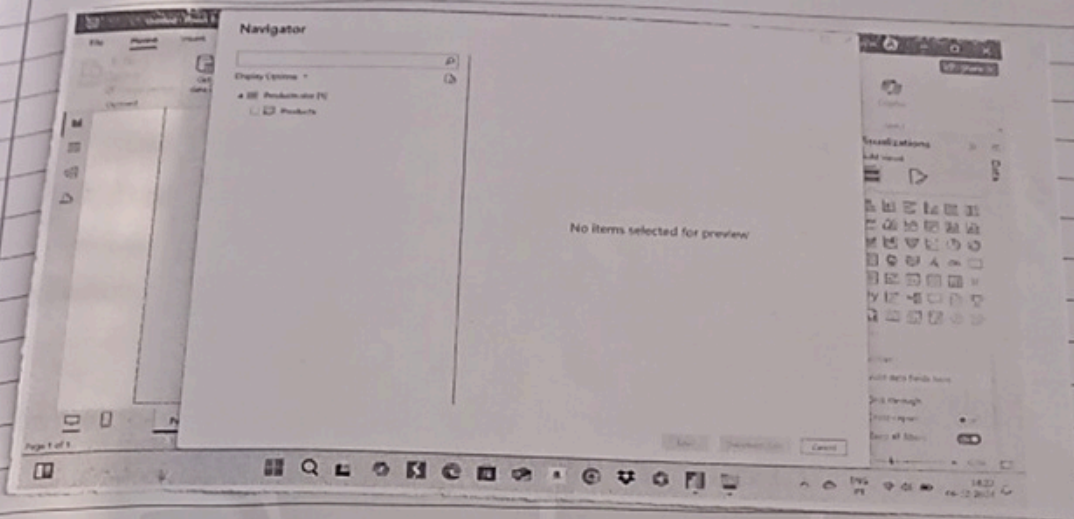# * Practical : 01 *

Aim :—
Import the legacy data from different sources such as excel, SQL server, oracle etc and load in target system.
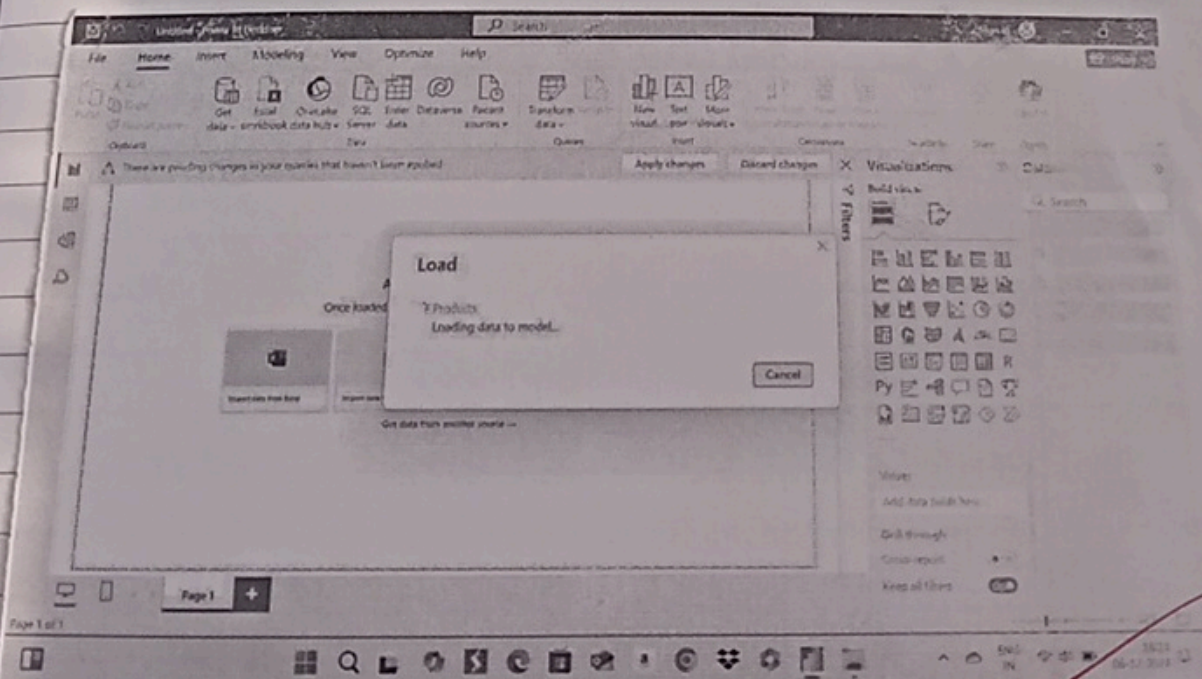
Steps :—

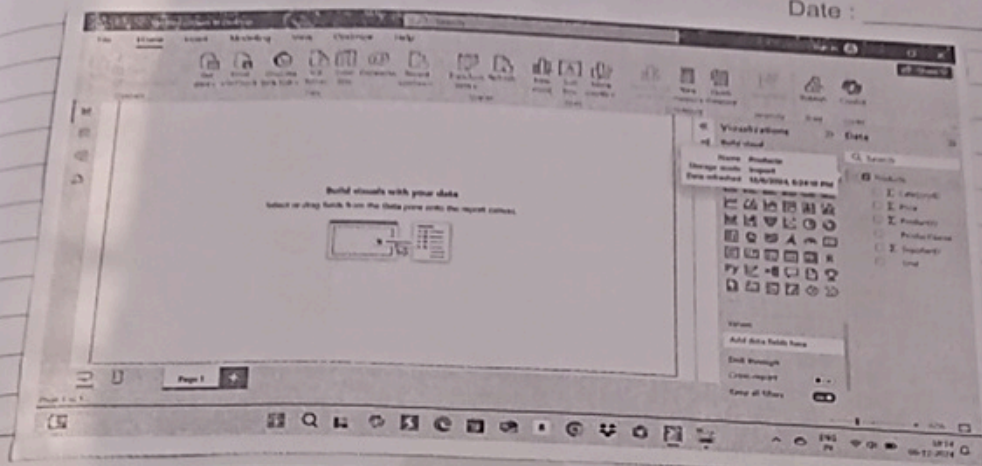> Open Power Bi desktop and click on 'get Data' on Home Ribbon and select Exal.

i) You will get the "Open" dialogue Box.
Browse the folder where "Products.xlsx" file
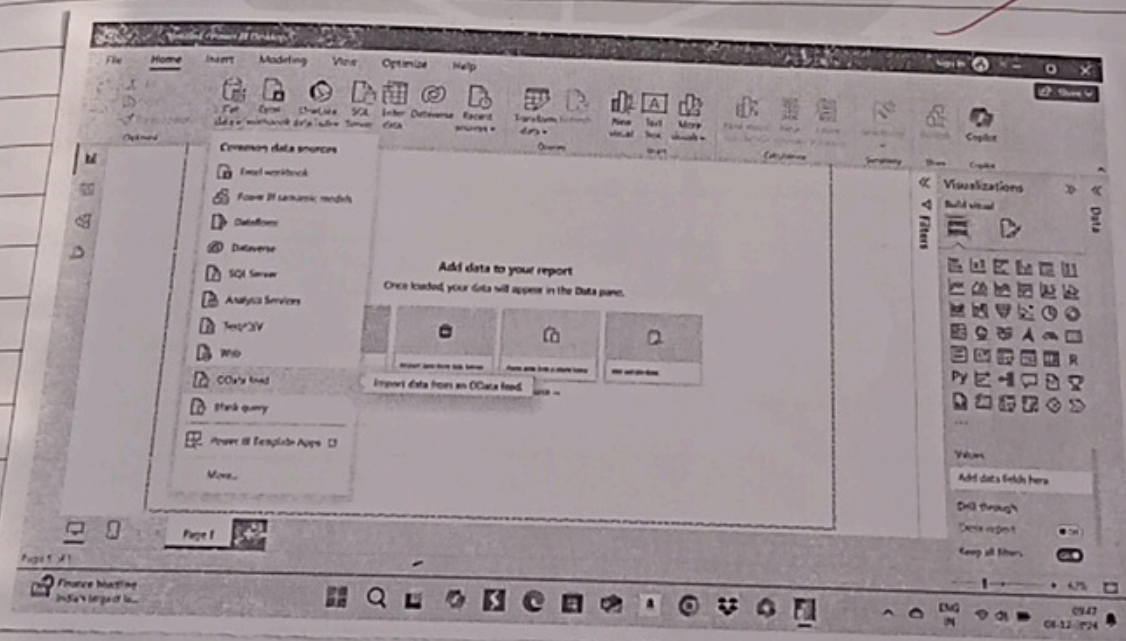is set. The select file and click open.

7) In navigator PANE, you will get the below
screen. check the product checkbox and the
data of product. Now click on load
button.

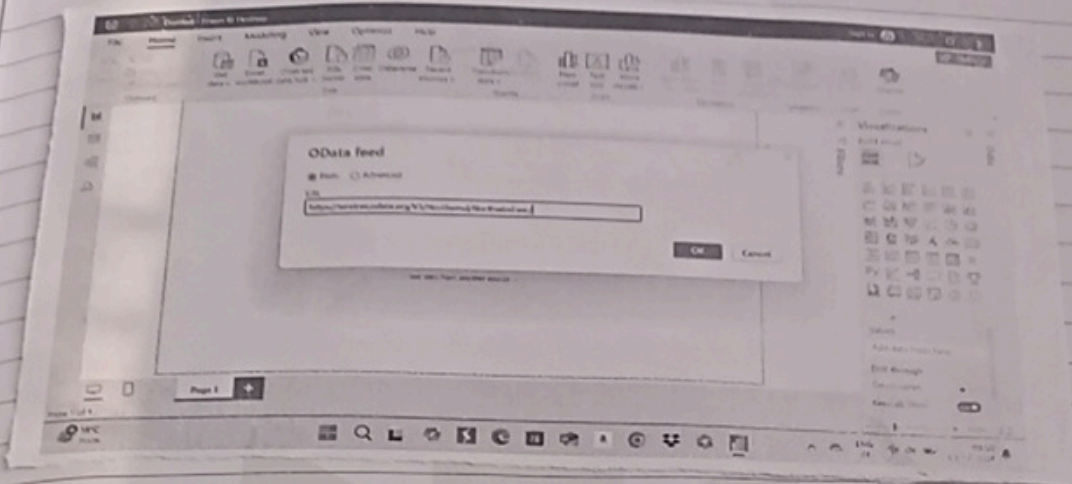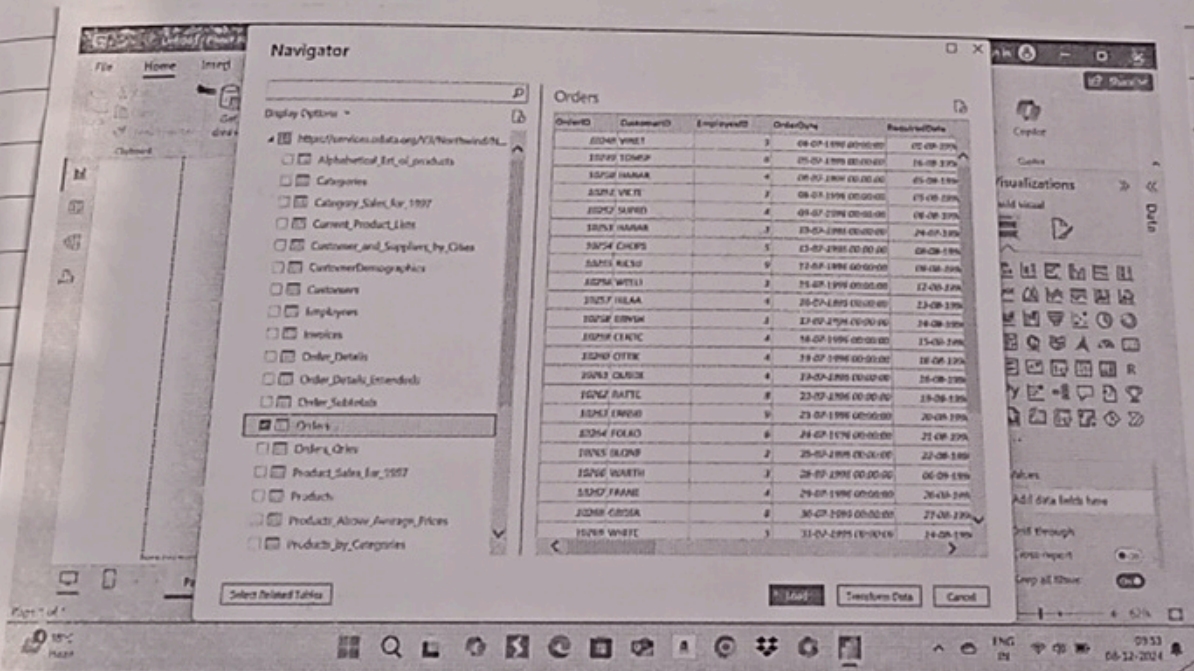- Importing data from Odata field in PowerBi

1) click on get Data on Home Ribbon and select Odata field.

In the Odata field, select Basic option and give URL and click on OK button

iii) In the navigator pane you will get the list of table of the northwind Odata field. Select order tables after content of table is loaded in preview, click edit Button to edit and query on the table and load it.

Practical: 07

Aim : Data analysis using Pivot table in excel.

steps to create a Pivot table.

⊙ Open a new blank workbook in excel
⊙ Click on data tab.
⊙ In the get external data group, Click on the option from access.
⊙ select data file " OlympicMedals. accdb " file.
⊙ The select table window, displaying all the table found in database appears.

Tables in databases are similiar to table in excel.

check the " EnableSelection of multiple Tables" Box and select all tables.
Then click OK

The import data window appears, select pivot table report option.

This option import table into excel & prepare a pivot - table for analyzing impor table.

The data is imported & pivot table is created using imported table.

- Explore data using Pivot table.

- In pivot table field, click on arrow beside table "Medals" to expand it to show fields

- Drag 'discipline' from "Disciplines" table to the "Row" area.

- Filter discipline to display only 5 sports Archery, Diving, Fencing, Figure-skating, Speed skating.

- In pivot table field, from medals table, drag Medal into filter area.

- Click dropdown list button to right of column labels.

- Select value filters and then select greater than, click OK

- Type 80 in right field.
- click OK.

The pivot table will display only those regions. which has more than total 80 medals.

Creating relationships b/w tables.

Relationship let you analyze your collections of data in excel, & create interesting & aesthetic. reports from data you import.

Insert a new worksheet
Create a new table with new data name. as "sports" table.

Now you can create relationships b/w this new table & other tables.

that already exists in data model.
Rename sheet (1) as medals and sheet (2) as
sports.

→ on medal sheet, in pivot table field list, click all.
→ A complete list of available table is displayed
along with newly add sport table

- Click on sport. In expanded list of fields.
select sports, excel will message to create
relationships.
- Click create relationship dialogbox.
- To create relationship of tables. you must have
samecolumn in both table having unique & not
null values.

- In column (Foreign), select sportID from
sports table.
- In column (Primary), select sportID from
other table.
Click OK.

- The pivot table is modified to reflect
addition of new data field sport.

Adjust orders of field in rows area to
maintain hierarchy. In this case shot sport
should be first & discipline should be
next, as discipline will be nested
in sports as sub-category.

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