410255:LP-VI. BI

Experiment No: 1	Import the legacy data from different sources such as (Excel , Sql Server, Oracle etc.) and load in the target system. (You can download sample databases such as Adventure works,Northwind, foodmart etc.)

Objective of the Assignment : To introduce the concepts and components of Business Intelligence (BI)

Prerequisite:

Basics of dataset extensions.

Concept of data import.

Contents for Theory :

1. Legacy Data
2. Sources of Legacy Data
3. How to import legacy data step by step.

1. What is Legacy Data?

Legacy data, according to BusinessDictionary, is "information maintained in an old or out-of-date format or computer system that is consequently challenging to access or handle."

2. Sources of Legacy Data

Where does legacy data come from? Virtually everywhere. Figure 1 indicates that there are many sources from which you may obtain legacy data. This includes existing databases, often relational, although non-RDBs such as hierarchical, network, object, XML, object/relational databases, and NoSQL databases. Files, such as XML documents or "flat files" such as configuration files and comma-delimited text files, are also common sources of legacy data. Software, including legacy applications that have been wrapped (perhaps via CORBA) and legacy services such as web services or CICS transactions, can also provide access to existing information. The point to be made is that there is often far more to gaining access to legacy data than simply writing an SQL query against an existing relational database.
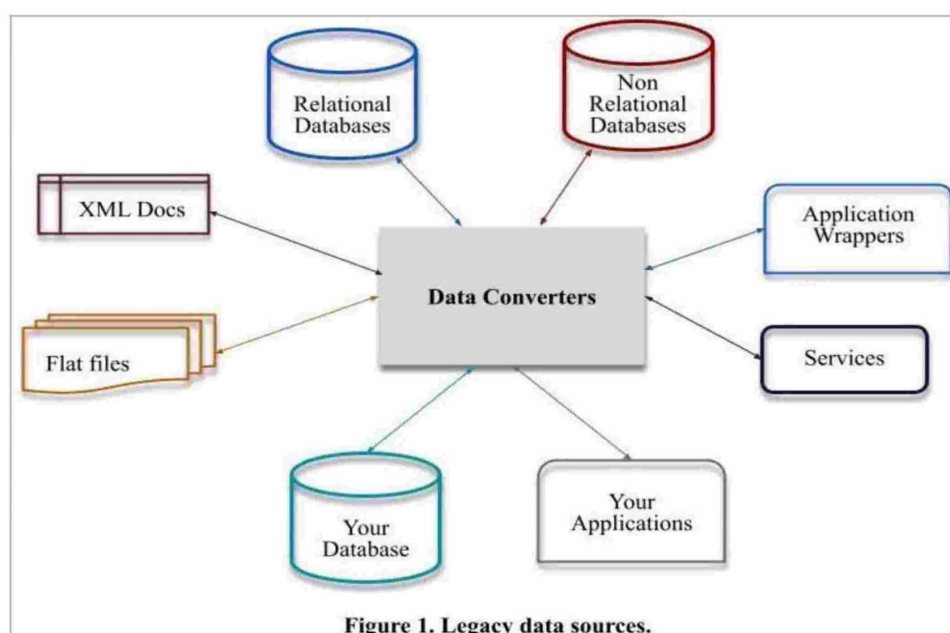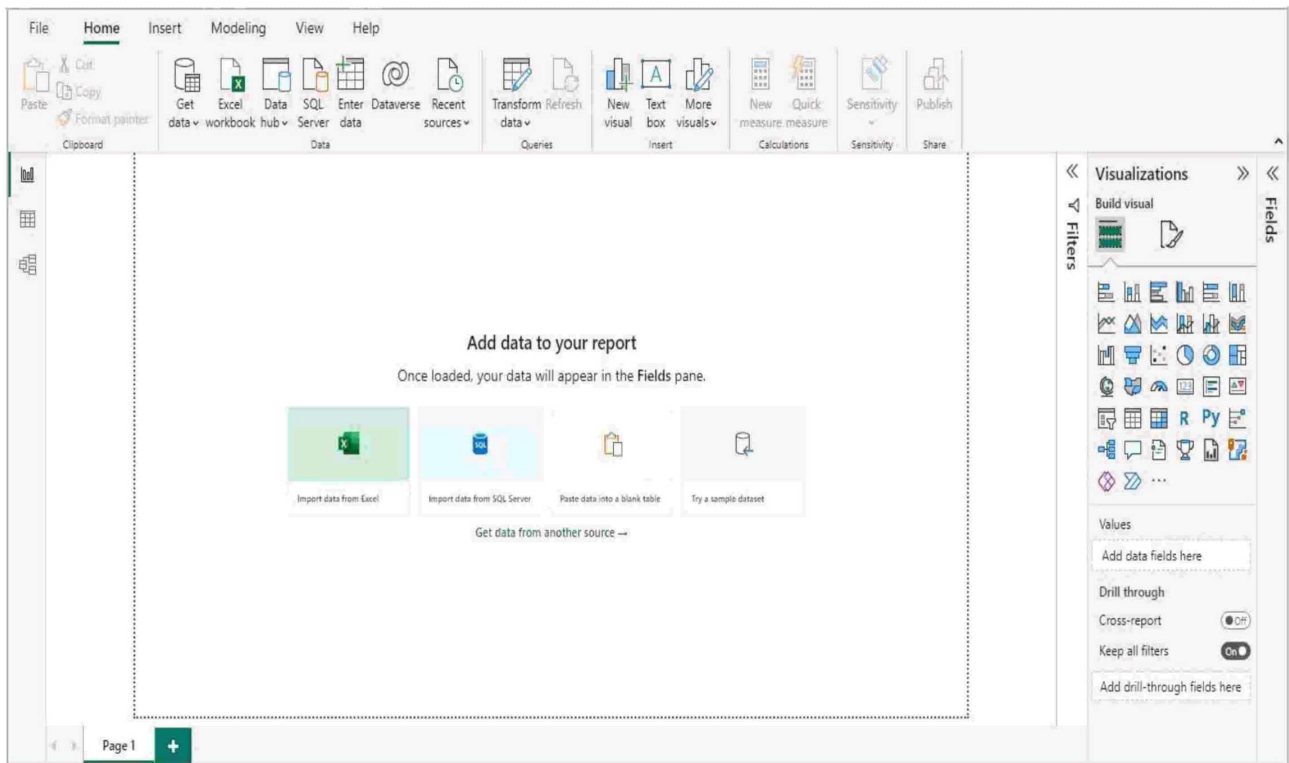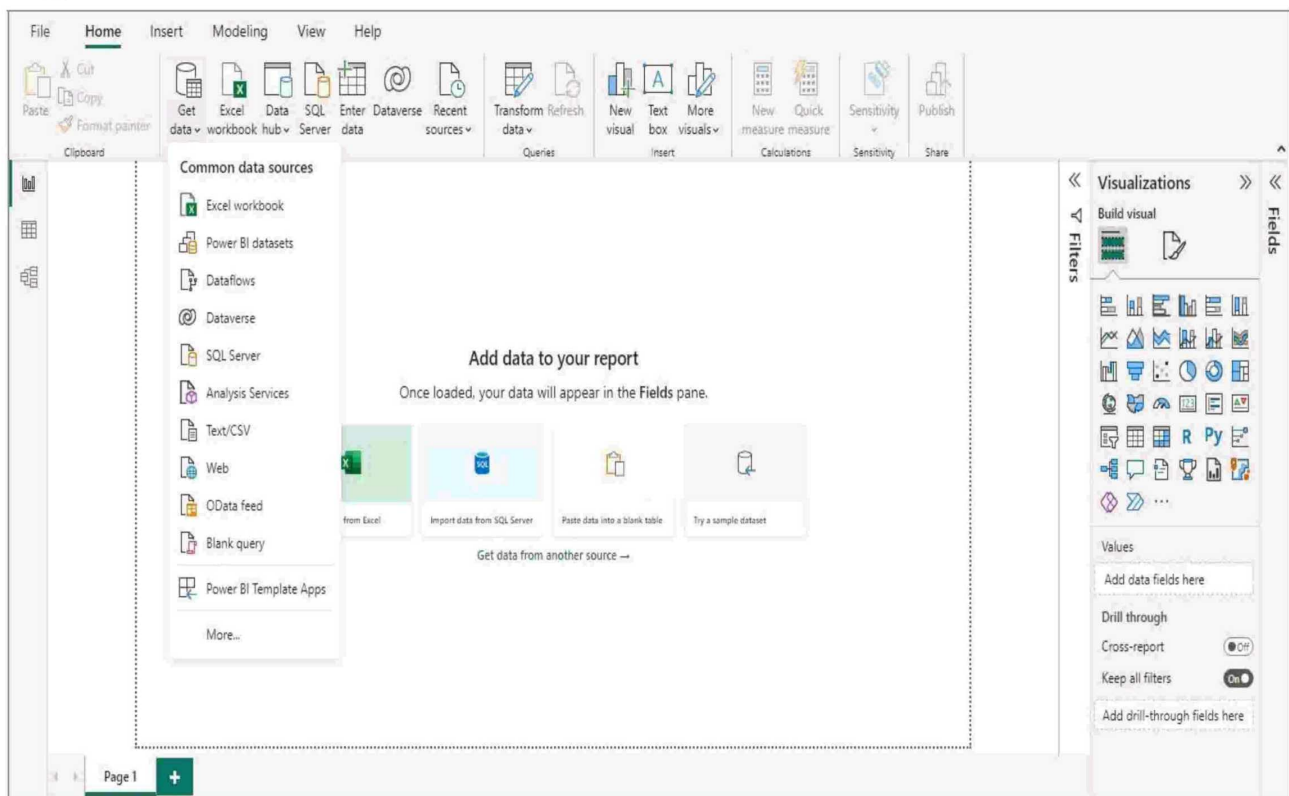

Figure 1. Legacy data sources.

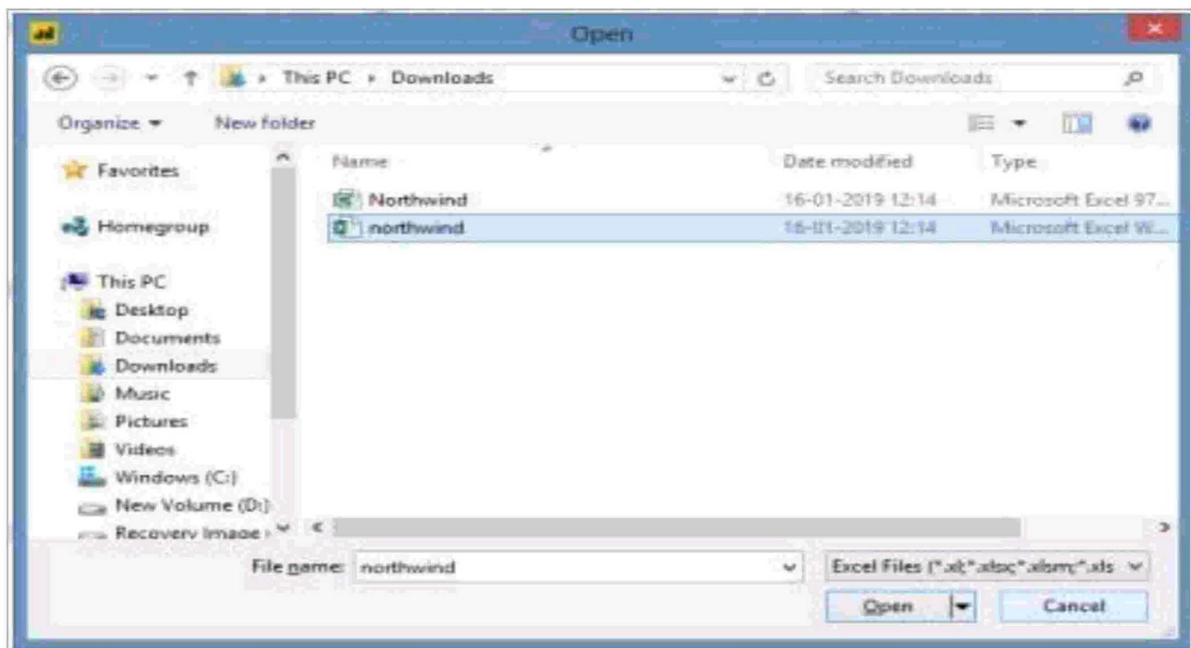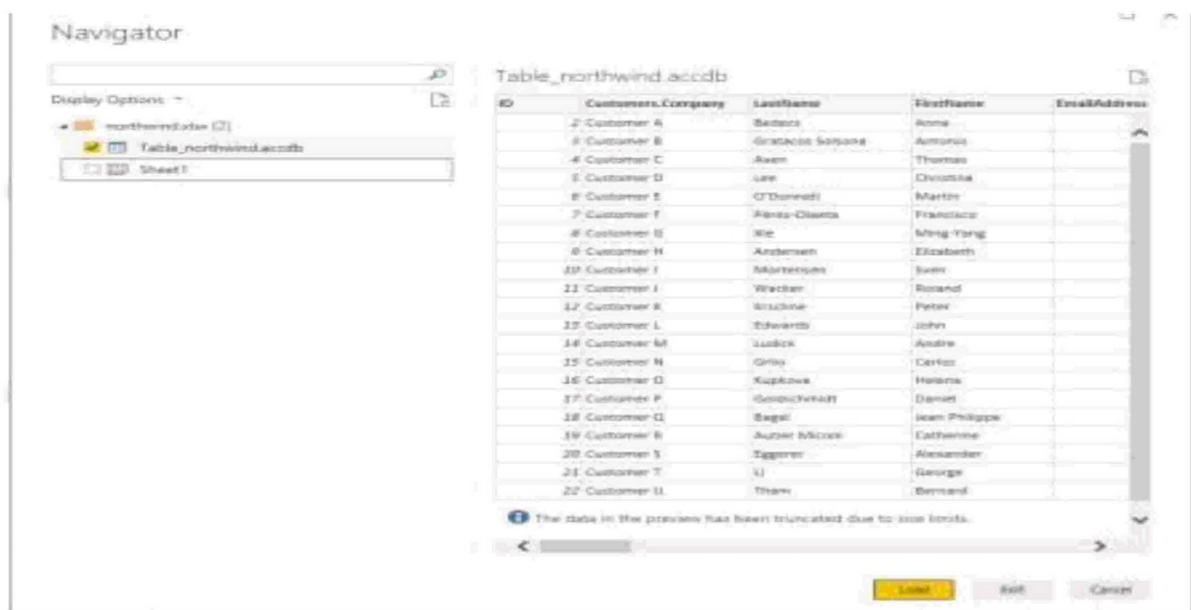➢ **How to import legacy data step by step.**

Step 1: Open Power BI

Step 2 : Click on Get data following list will be displayed → select Excel
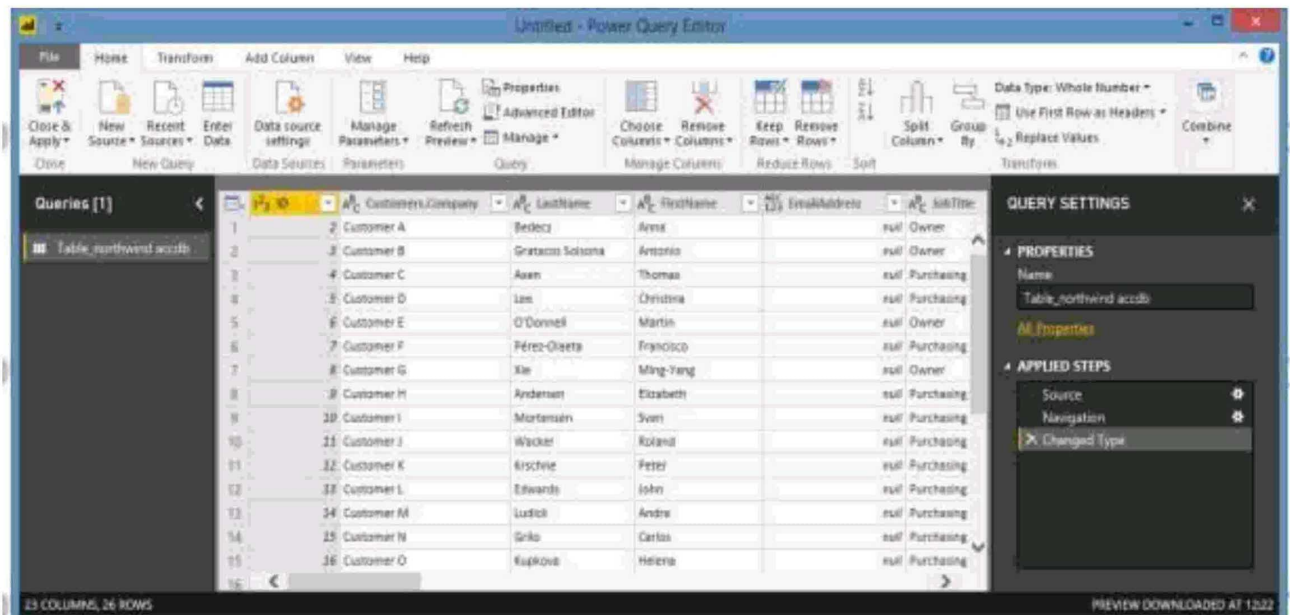
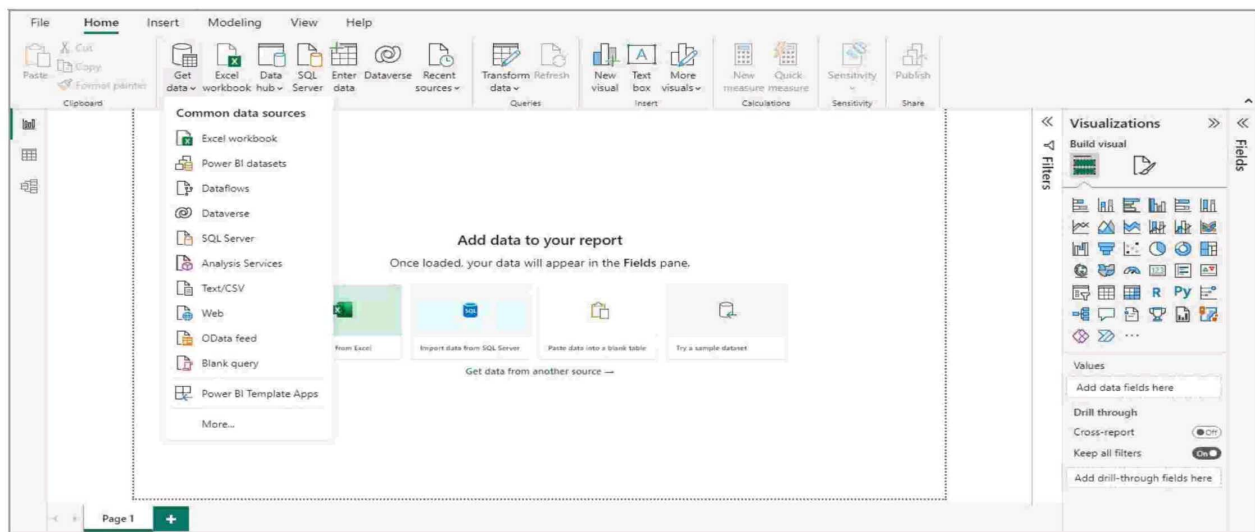**Step 3: Select required file and click on Open, Navigator screen appears**

Step 4: Select file and click on edit

Step 5: Power query editor appears

Step 6: Again, go to Get Data and select OData feed

Step 7:
Paste url as http://services.odata.org/V3/Northwind/Northwind.svc/

Click on ok

Step 8: Select orders table
And click on edit
Note: If you just want to see preview you can just click on table namewithout clicking on checkbox

Click on edit to view table

Conclusion : In this way we import the Legacy datasets using the Power BI Tool.

Assignment Questions :

1. Define Legacy Data.

2. List the target system to import legacy data.

3. List the sample datasets you have used while implementation ofassignment.