<div align="center">

ASSIGNMENT –1

Title:- Import the legacy data.

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Problem Statement: -
Import the legacy data from different sources such as (Excel, Sql Server, Oracle etc.) and load in the target system. (You can download sample database such as Adventure works, Northwind, foodmart etc.)

Objectives:
• To learn importing legacy data from different sources (Excel, SQL Server, Oracle etc.).

• To load the imported data in the target system.

Outcome: -
  ● Importing legacy data from different sources and loading it in the target system.

Theory: -
Microsoft Power BI is a data analytics and visualization tool that can be used to visualize data in the form of different types of reports, without writing a single line of code.
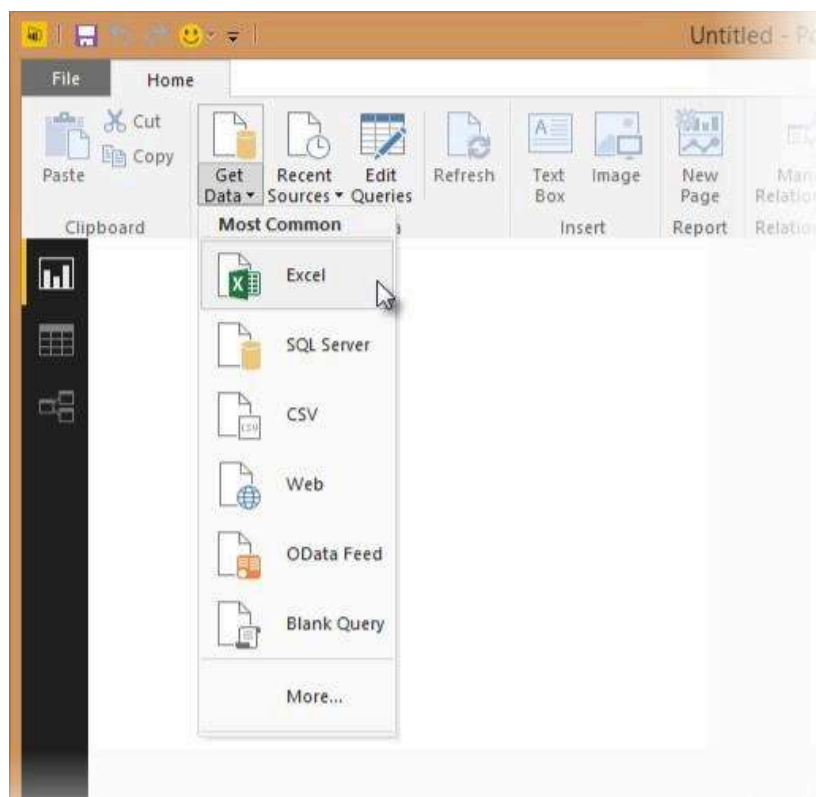Data that you want to visualize using Power BI can be imported from a wide variety of sources including flat files, CSV files, excel sheets, websites and different types of databases.
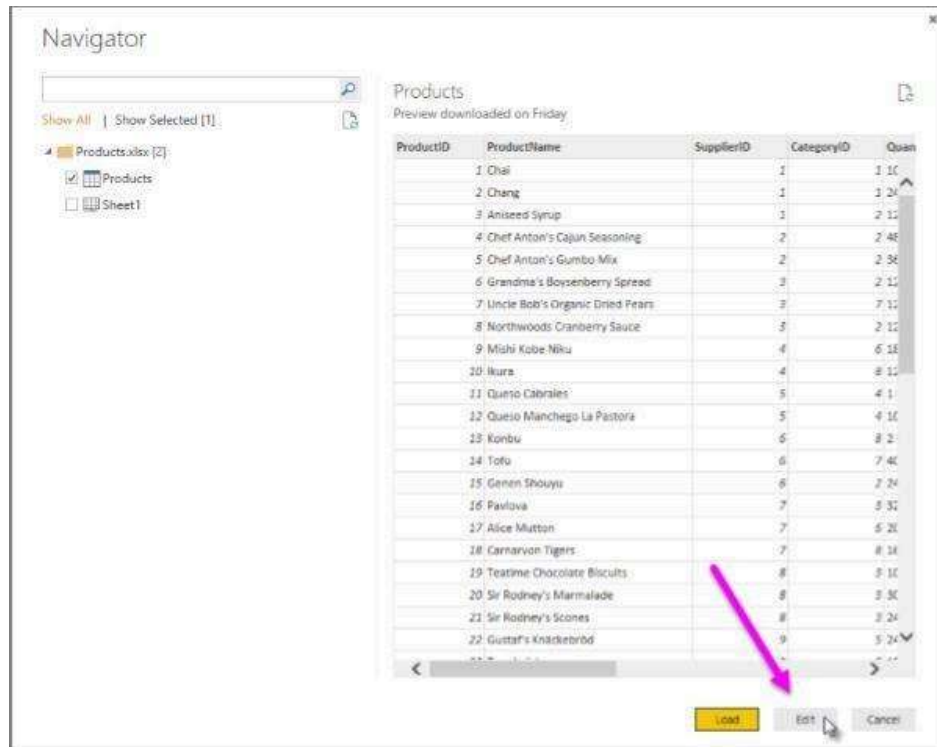There are two different modes of data connectivity: 1) Import and 2) Direct Query.
Using the Import option means that an image of the database is imported. Any changes that occur in the database after the image is imported in Power BI are not reflected in Power BI.

  Importing Excel Data

  1) Launch Power BI Desktop.

  2) From the Home ribbon, select Get Data. Excel is one of the Most Common data connections, so you can select it directly from the Get Data menu.

3) If you select the Get Data button directly, you can also select FIle > Excel and select Connect.

4) In the Open File dialog box, select the Products.xlsx file.

5) In the Navigator pane, select the Products table and then select Edit.

Importing Data from OData Feed

In this task, you'll bring in order data. This step represents connecting to a sales system. You import data into Power BI Desktop from the sample Northwind OData feed at the following URL, which you can copy (and then paste) in the steps below: http://services.odata.org/V3/Northwind/Northwind.svc/

Connect to an OData feed:

1) From the Home ribbon tab in Query Editor, select Get Data.

2) Browse to the OData Feed data source.

3) In the OData Feed dialog box, paste the URL for the Northwind OData feed.

4) Select OK.

5) In the Navigator pane, select the Orders table, and then select Edit.

Note – You can click a table name, without selecting the checkbox, to see a preview.

Conclusion: – We are able to Import the legacy data from different sources such as (Excel, Sql Server, Oracle etc.) and load in the target system.