

MES Wadia College of Engineering, Pune-01
Department of Computer Engineering

Name of Student:	Class:
Semester/Year:	Roll No:
Date of Performance:	Date of Submission:
Examined By:	Subject: LPVI (E-VI BI)

Assignment No. 1

Aim: Import the legacy data from different sources such as (Excel , SqlServer, Oracle etc.) and load in the target system. (You can download sample database such as Adventureworks, Northwind, foodmart,etc.)

Theory:

Power BI is a Data Visualization and Business Intelligence tool that converts data from different data sources to interactive dashboards and BI reports. Power BI suite provides multiple software, connector, and services - Power BI desktop, Power BI service based on SaaS, and mobile Power BI apps available for different platforms. These set of services are used by business users to consume data and build BI reports.

Power BI desktop app is used to create reports, while Power BI Services (Software as a Service - SaaS) is used to publish the reports, and Power BI mobile app is used to view the reports and dashboards.

Supported Operating Systems

Windows 10, Windows 7, Windows 8, Windows 8.1, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2

Microsoft Power BI Desktop requires Internet Explorer 9 or higher

Microsoft Power BI Desktop is available for 32-bit (x86) and 64-bit (x64) platforms

This is the link to directly download Power BI files –

<https://www.microsoft.com/en-us/download/details.aspx?id=58494>

After Downloads install Power BI

Also visit

<https://powerbi.microsoft.com/en-us/desktop/>

Steps to be followed to Import the legacy data from different sources such as (Excel , SQL Server, Oracle etc.) and load in the target system. -

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 name without clicking on checkbox
Click on edit to view table.

Questions: (<https://www.javatpoint.com/power-bi-interview-questions>)

- 1. What do you understand by BI?**
- 2. What is Power BI?**
- 3. What are the essential applications that use Power BI?**
- 4. In how many formats Power BI is available in the market?**
- 5. What do you mean by the term Power BI Desktop?**