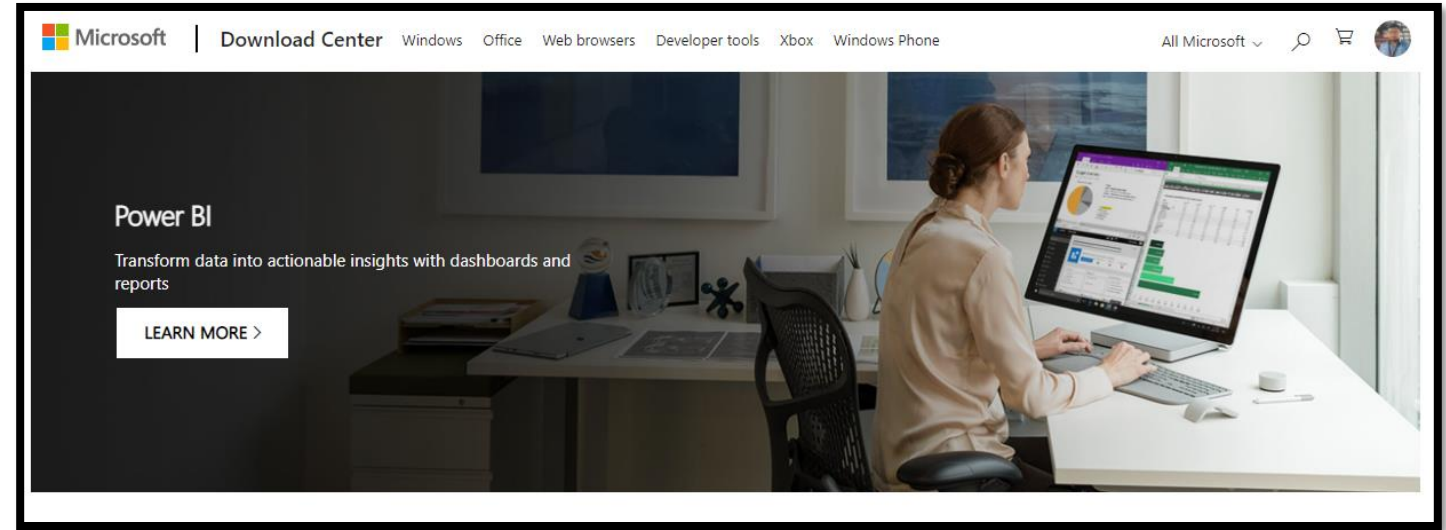# Lab Installation Guide

for the course DA-100: Analyzing Data with Power BI

Step-1: Installation of Power BI software

Link to download the Power BI:

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

Microsoft Power BI Desktop

Important! Selecting a language below will dynamically change the complete page content to that language.
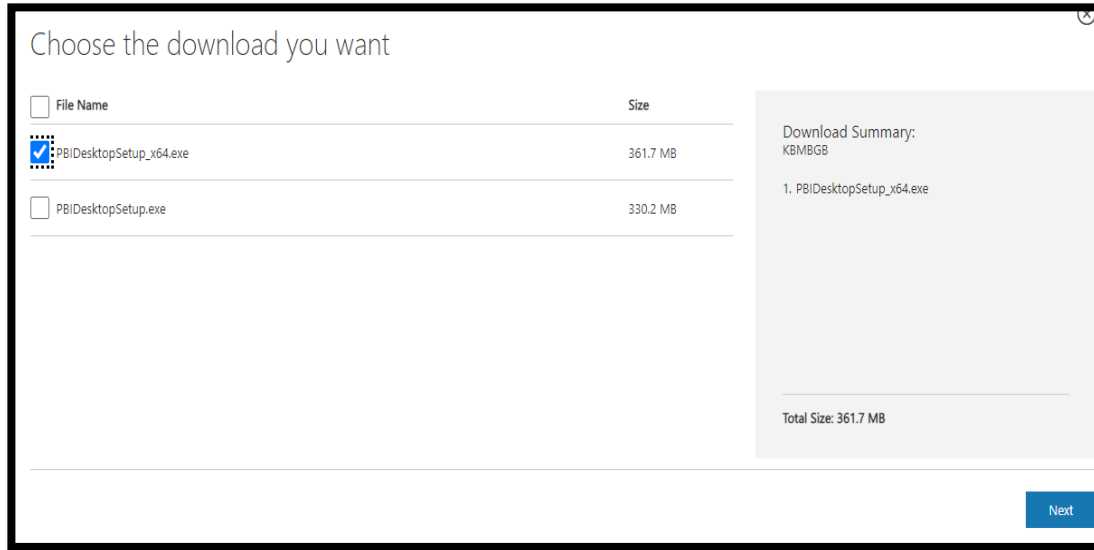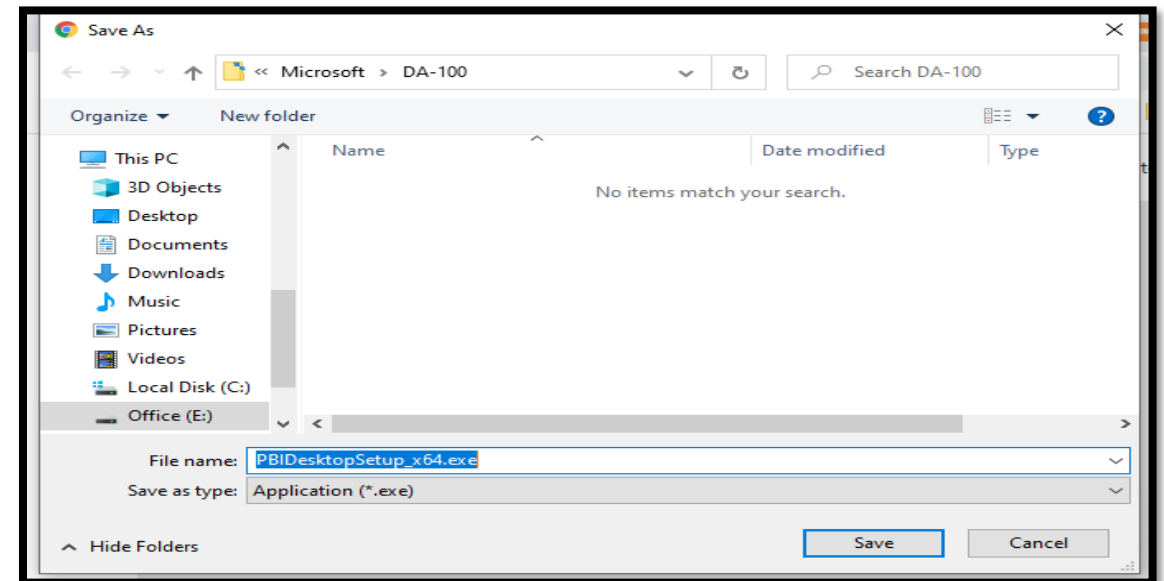
Select Language: English   **Download**

Microsoft Power BI Desktop is built for the analyst. It combines state-of-the-art interactive visualizations, with industry-leading data query and modeling built-in. Create and publish your reports to Power BI. Power BI Desktop helps you empower others with timely critical insights, anytime, anywhere.
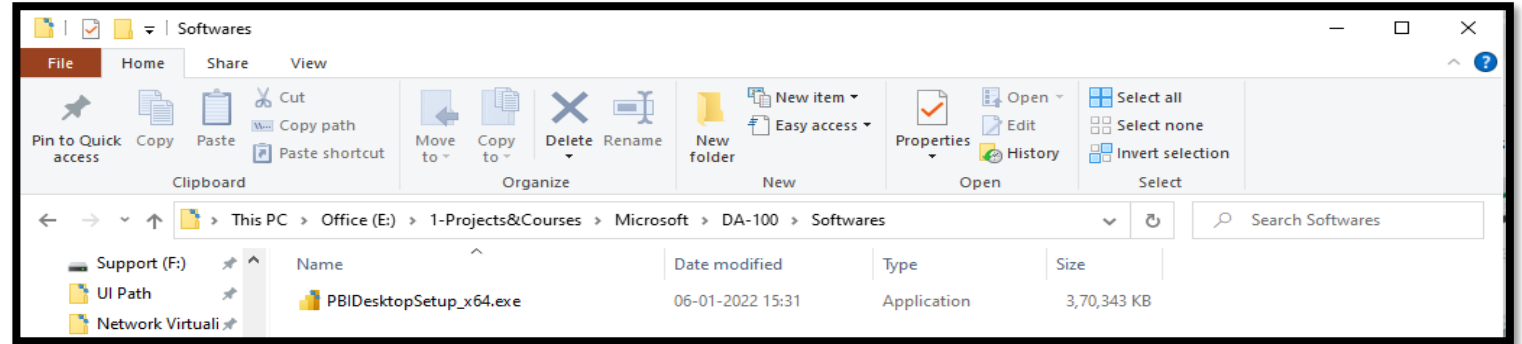
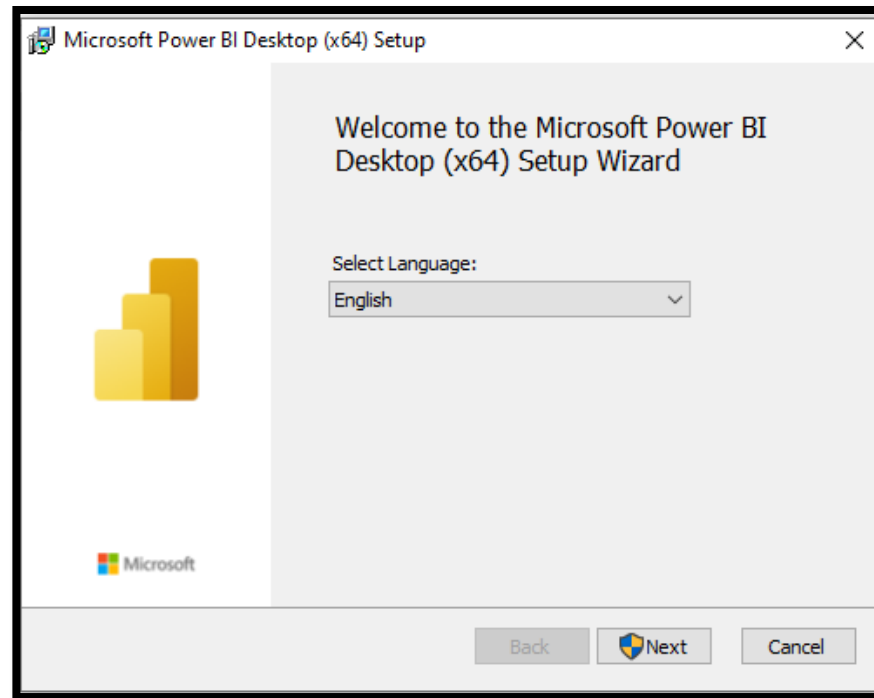- Select the appropriate version from the list of downloads available.

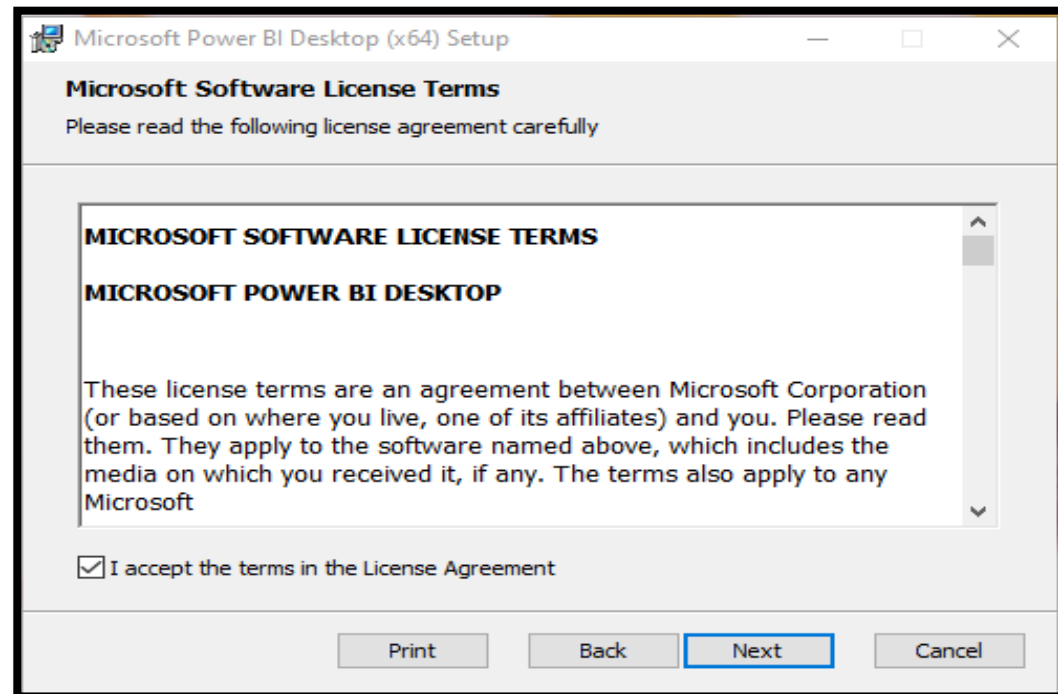- Save the file into system local drive.

Choose the download you want

File Name	Size
☑ PBIDesktopSetup_x64.exe	361.7 MB
☐ PBIDesktopSetup.exe	330.2 MB

Download Summary:
KBMBGB

1. PBIDesktopSetup_x64.exe

Total Size: 361.7 MB

Next

Save As

« Microsoft › DA-100

Search DA-100

Organize ▾   New folder

This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Office (E:)

Name	Date modified	Type
No items match your search.		

File name: PBIDesktopSetup_x64.exe
Save as type: Application (*.exe)

Hide Folders   Save   Cancel

- Go to location, where the file was saved and double click to start "Installation" process. (usual process like other software, no need to change any option)
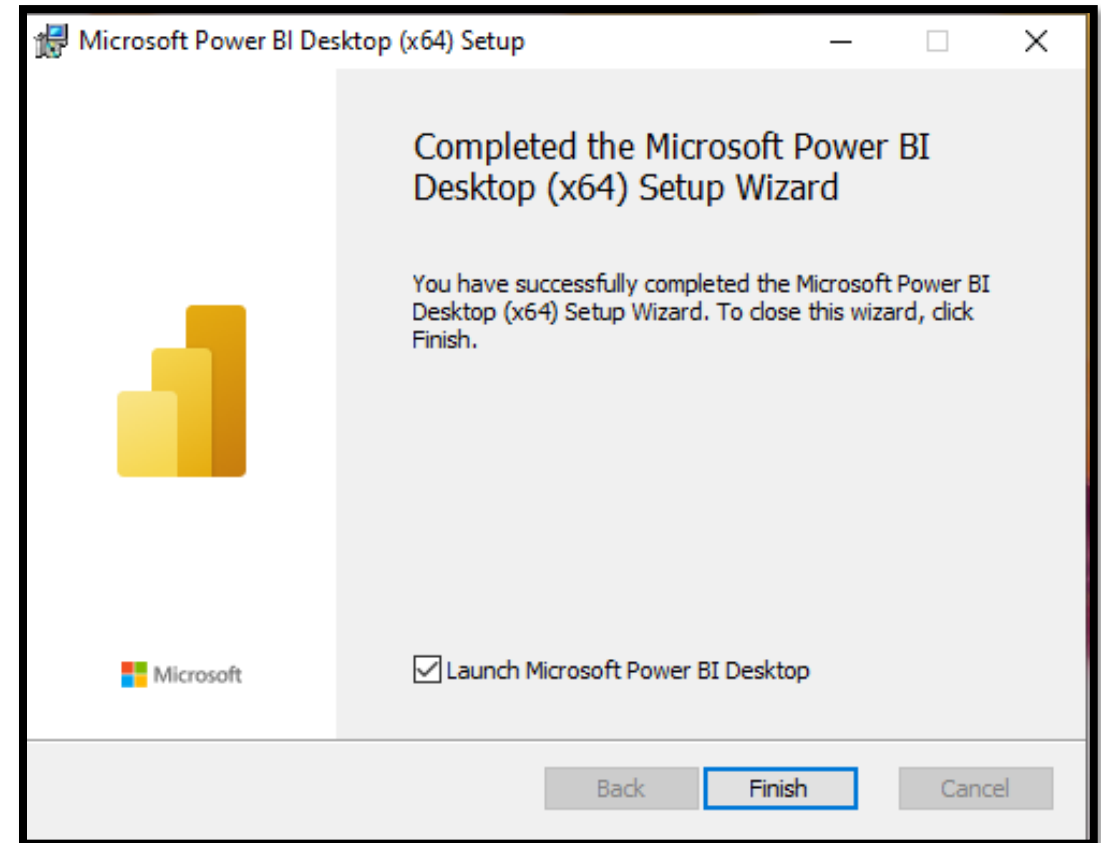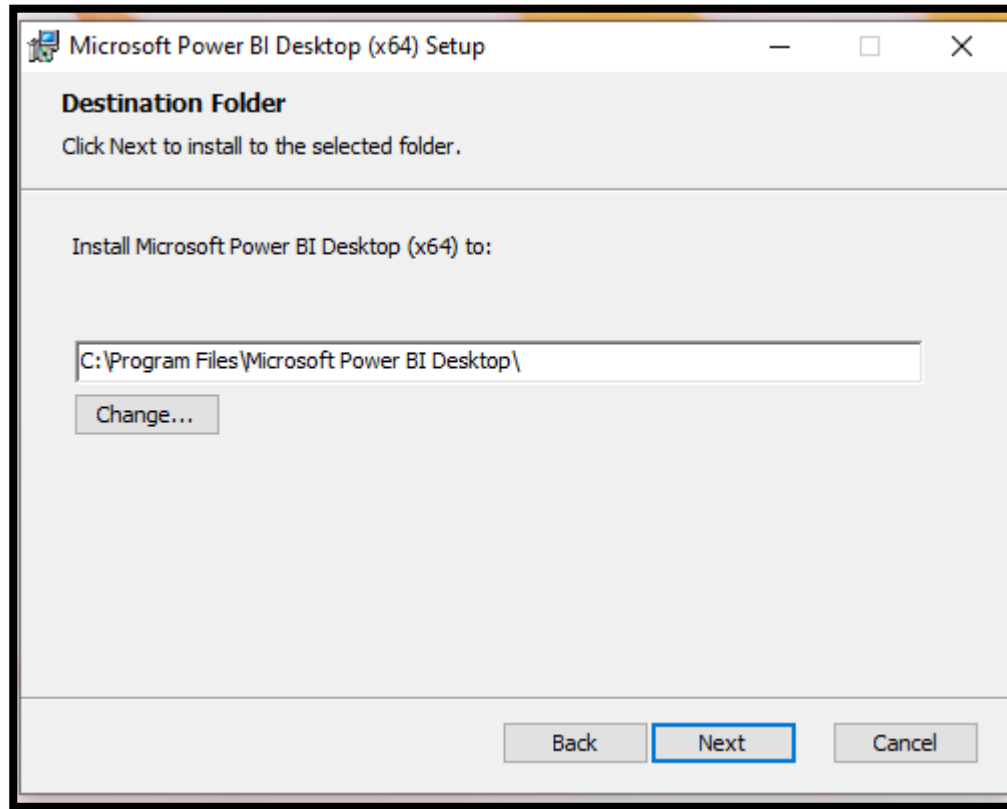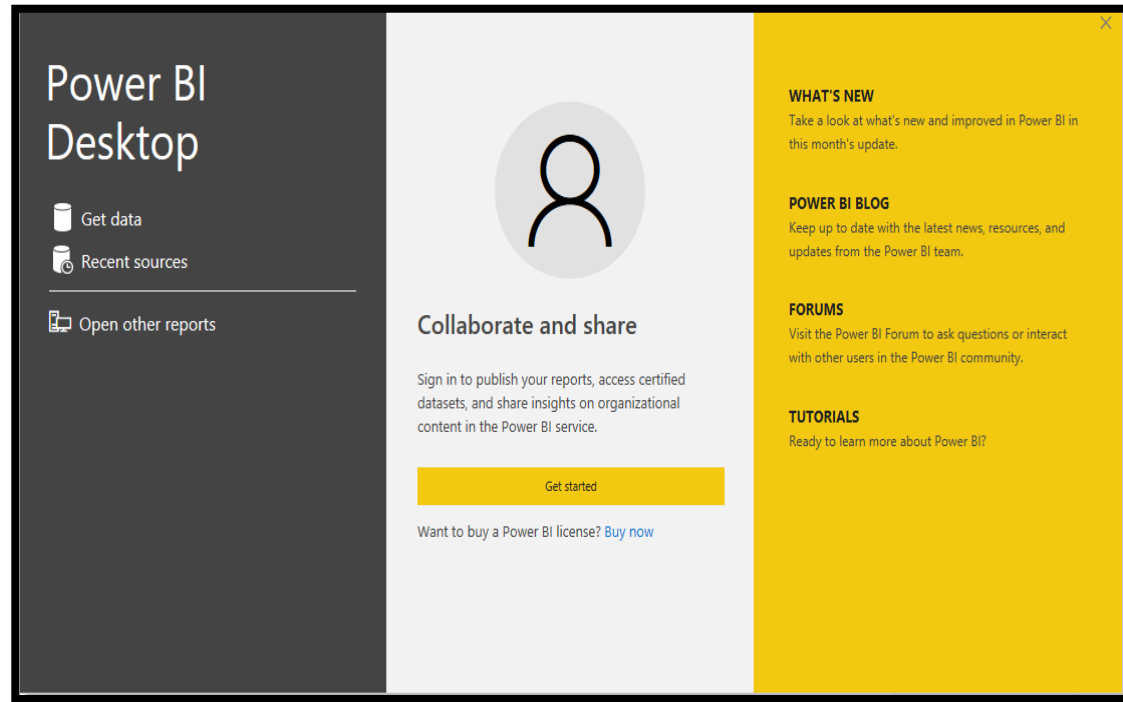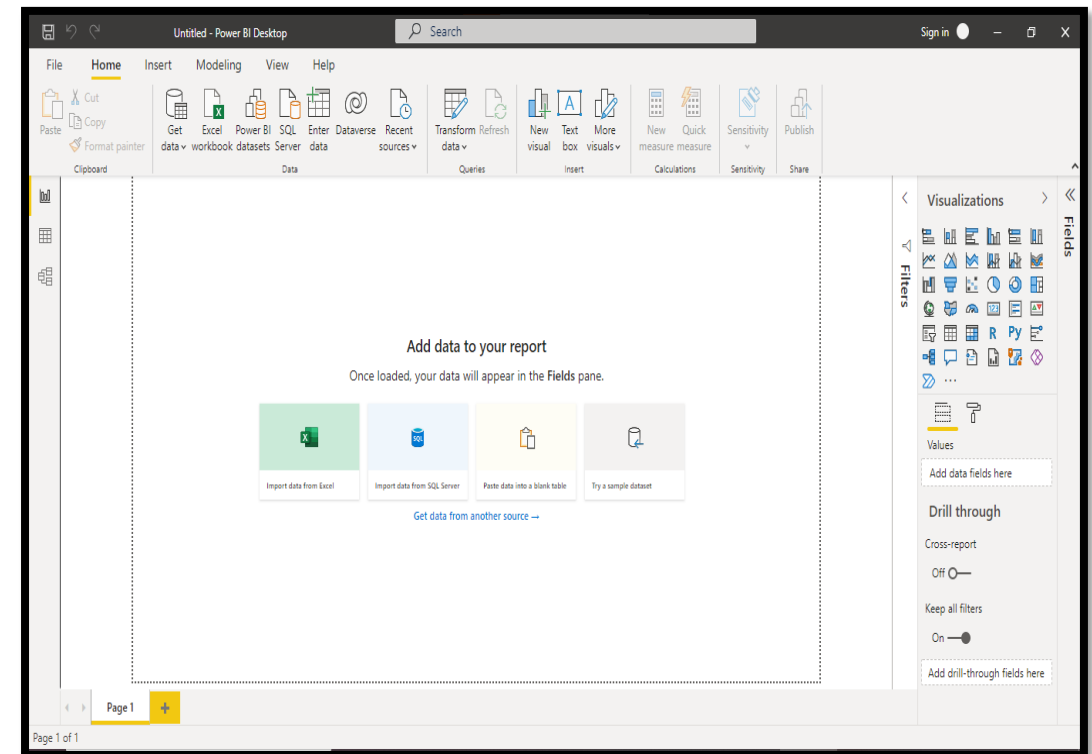
- Next → Yes →

Next → Next →

Next → Install

ICTACADEMY

Microsoft Power BI Desktop (x64) Setup

Destination Folder

Click Next to install to the selected folder.

Install Microsoft Power BI Desktop (x64) to:

C:\Program Files\Microsoft Power BI Desktop\

Change...

Back   Next   Cancel

Microsoft Power BI Desktop (x64) Setup

Completed the Microsoft Power BI Desktop (x64) Setup Wizard

You have successfully completed the Microsoft Power BI Desktop (x64) Setup Wizard. To close this wizard, click Finish.

Microsoft

☑ Launch Microsoft Power BI Desktop

Back   Finish   Cancel

- Close dialog box using "X".
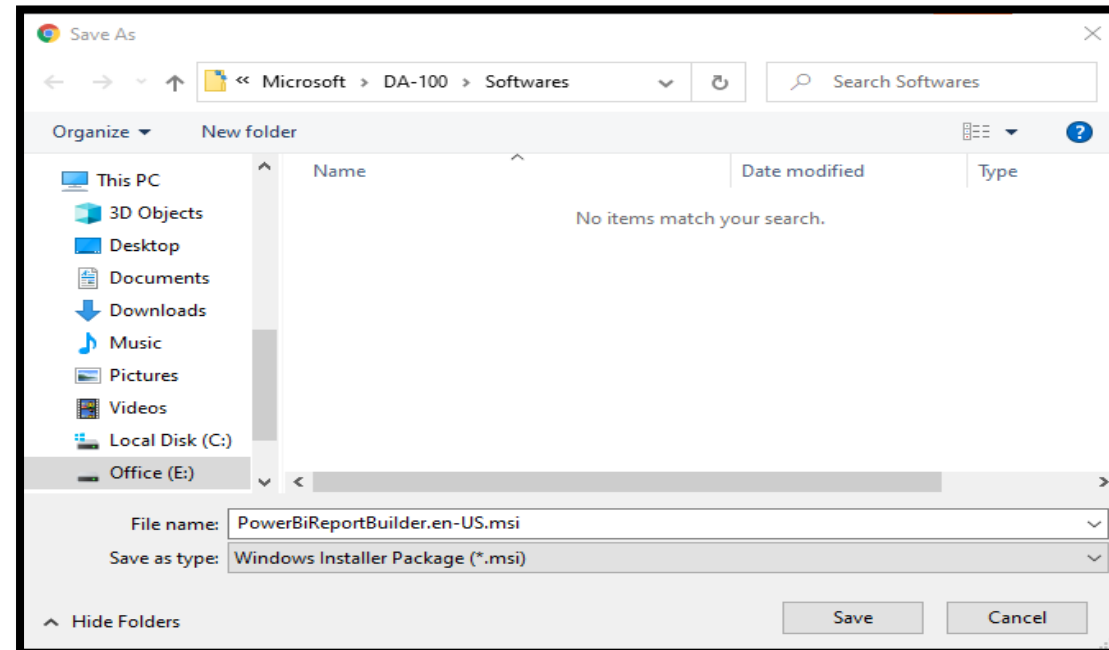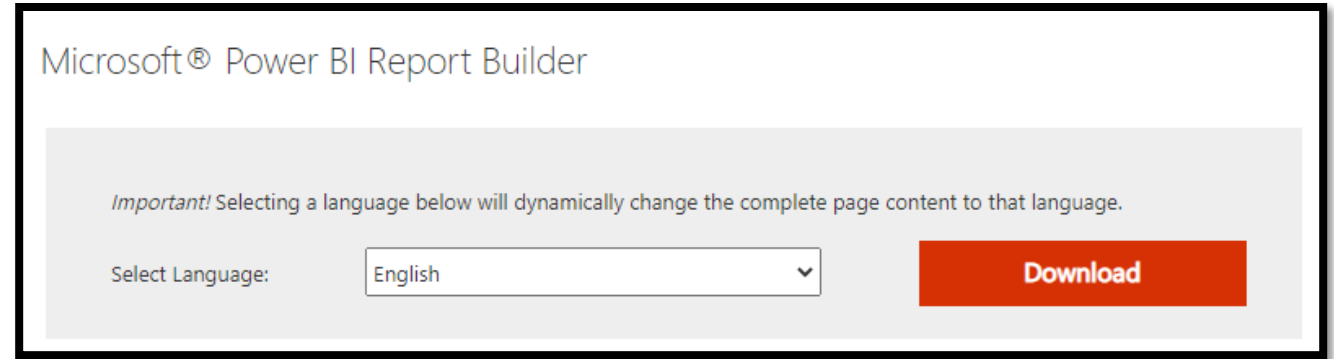
- PowerBI Installation completed

  successful.

Step-2: Installation of Power BI Report Builder

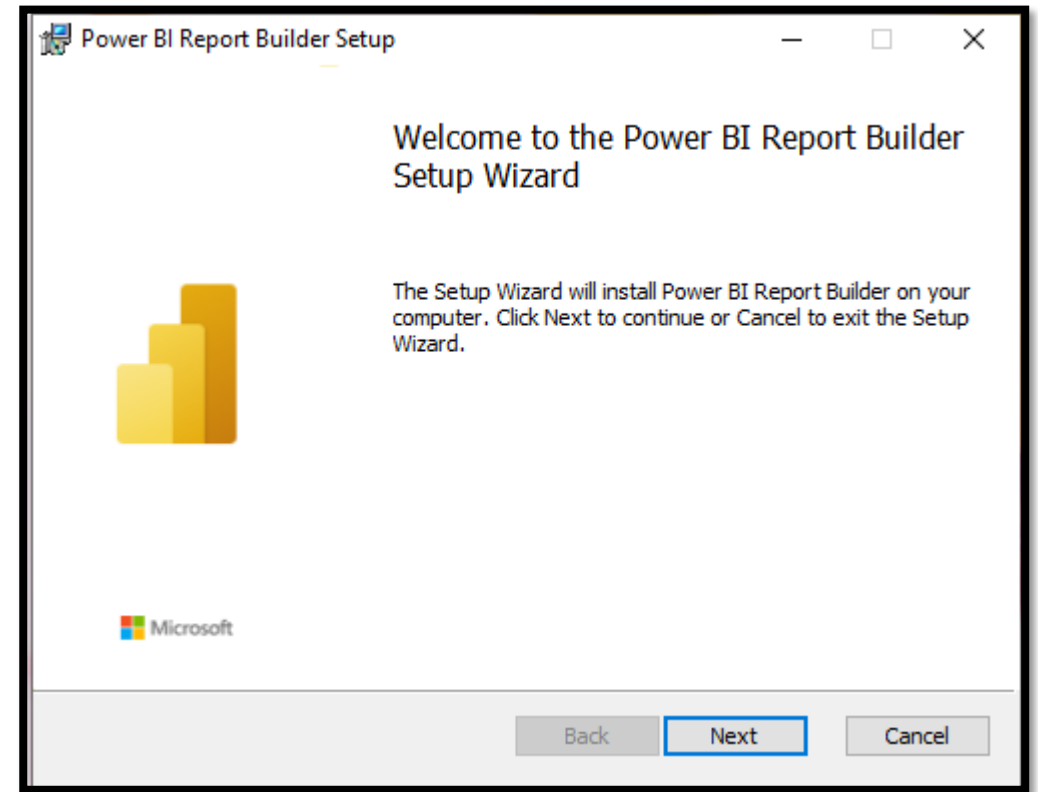**Click the below link to download**

Microsoft Power BI Report Builder:

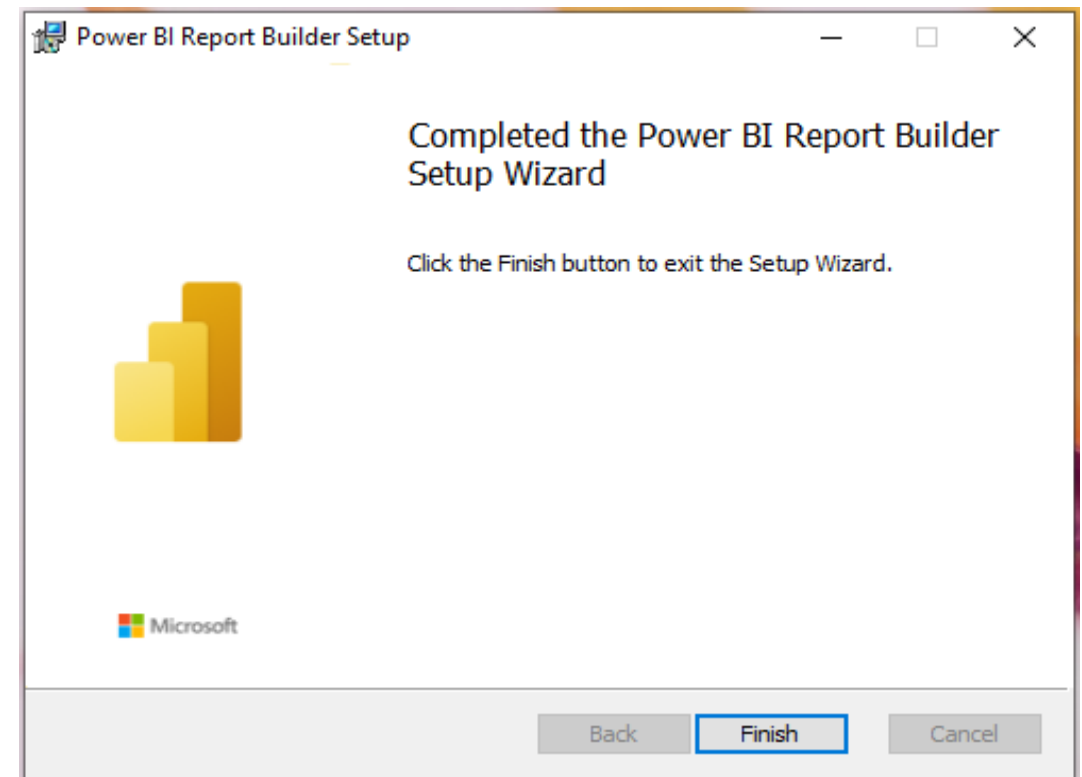https://www.microsoft.com/en-us/download/details.aspx?id=58158

- Select the appropriate version from the list of downloads available.

- Save the file into system local drive.

- Go to location, where the file was saved and double click to start "Installation" process. (usual process like other software, no need to change any option)

Name	Date modified	Type	Size
PBIDesktopSetup_x64.exe	06-01-2022 15:31	Application	3,70,343 KB
PowerBiReportBuilder.en-US.msi	06-01-2022 15:53	Windows Installer ...	29,440 KB

Power BI Report Builder Setup — □ ✕

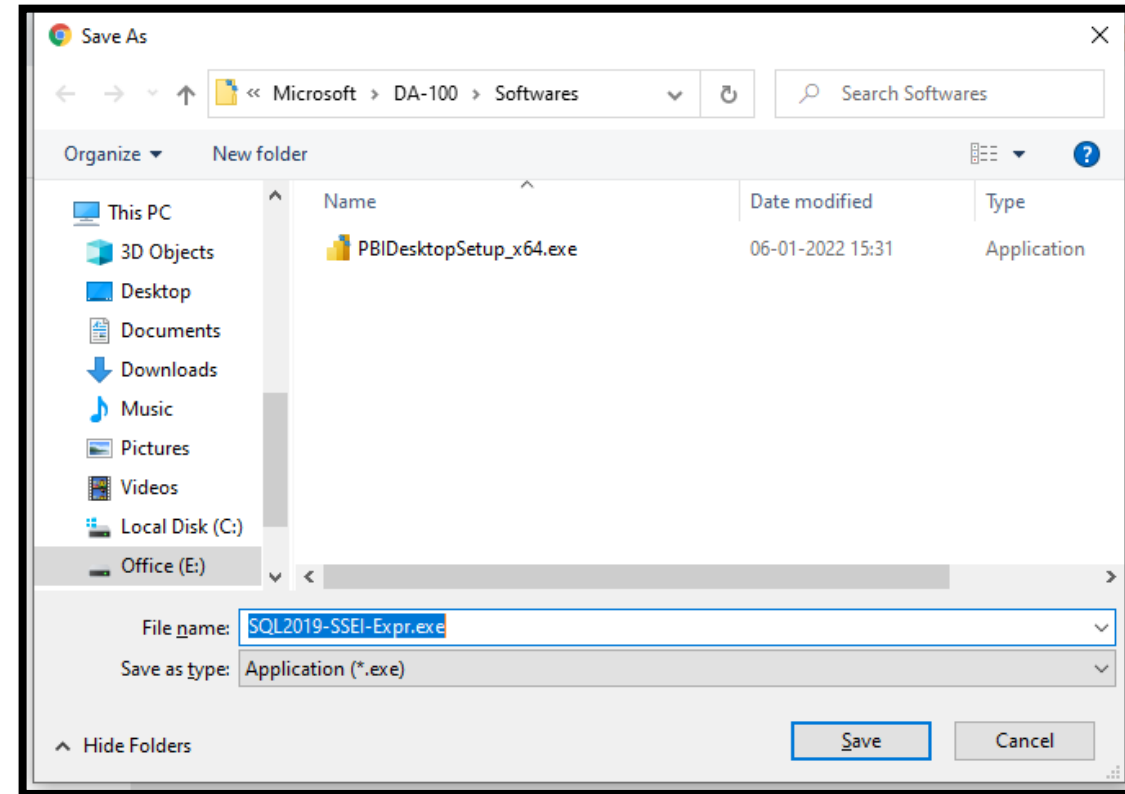**Welcome to the Power BI Report Builder Setup Wizard**

The Setup Wizard will install Power BI Report Builder on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

Microsoft

Back   Next   Cancel

Next → Next → Install → Yes → Finish.

Step-3: Installation of SQL Express

- Click the below link to download SQL Express

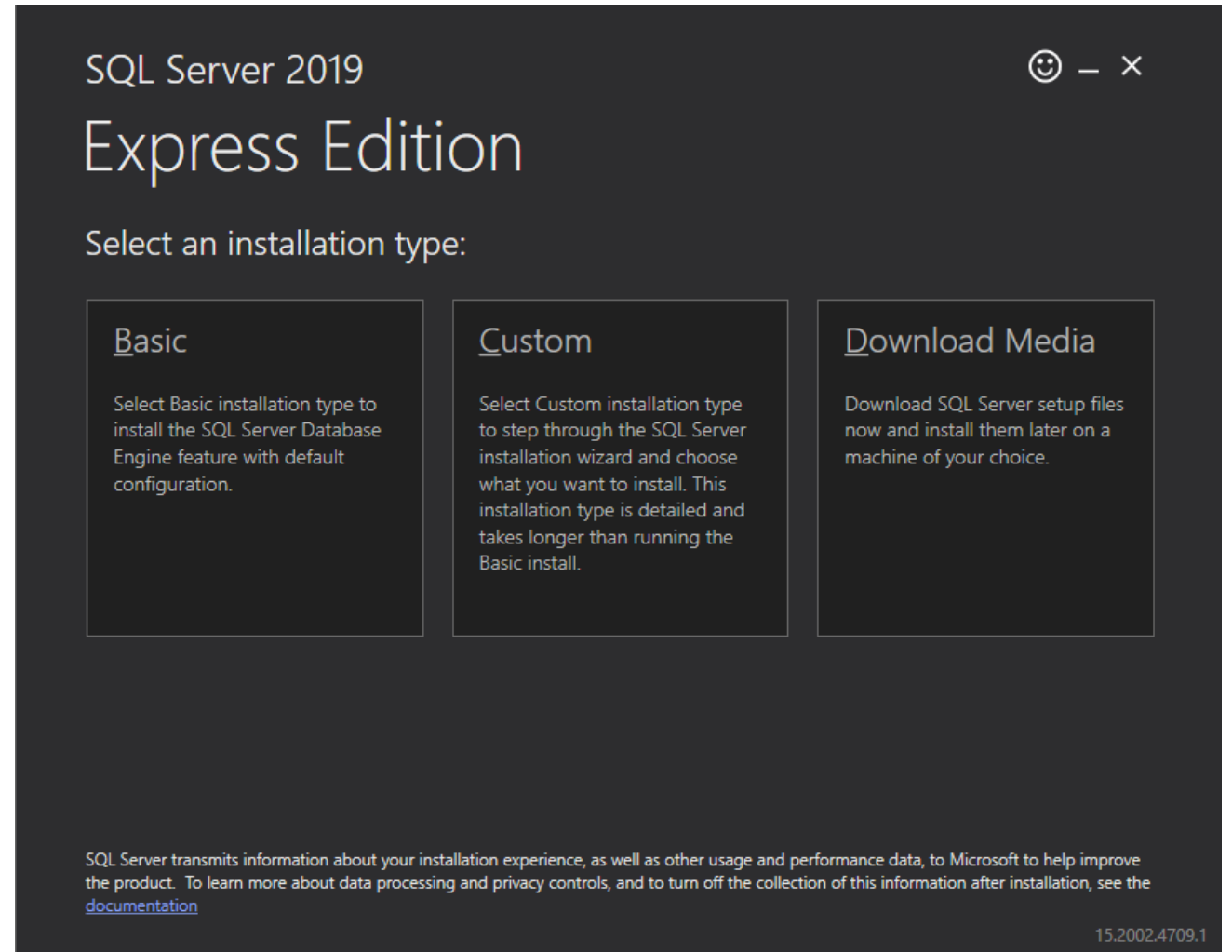https://go.microsoft.com/fwlink/?linkid=866658
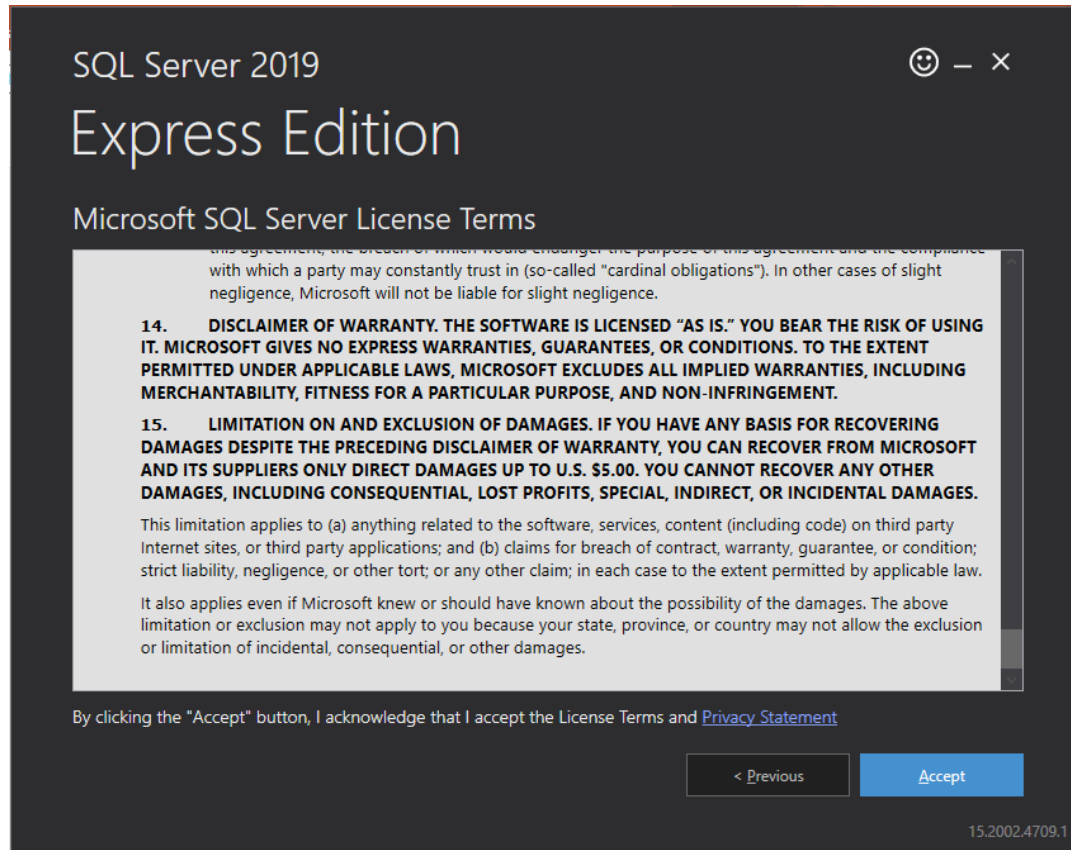
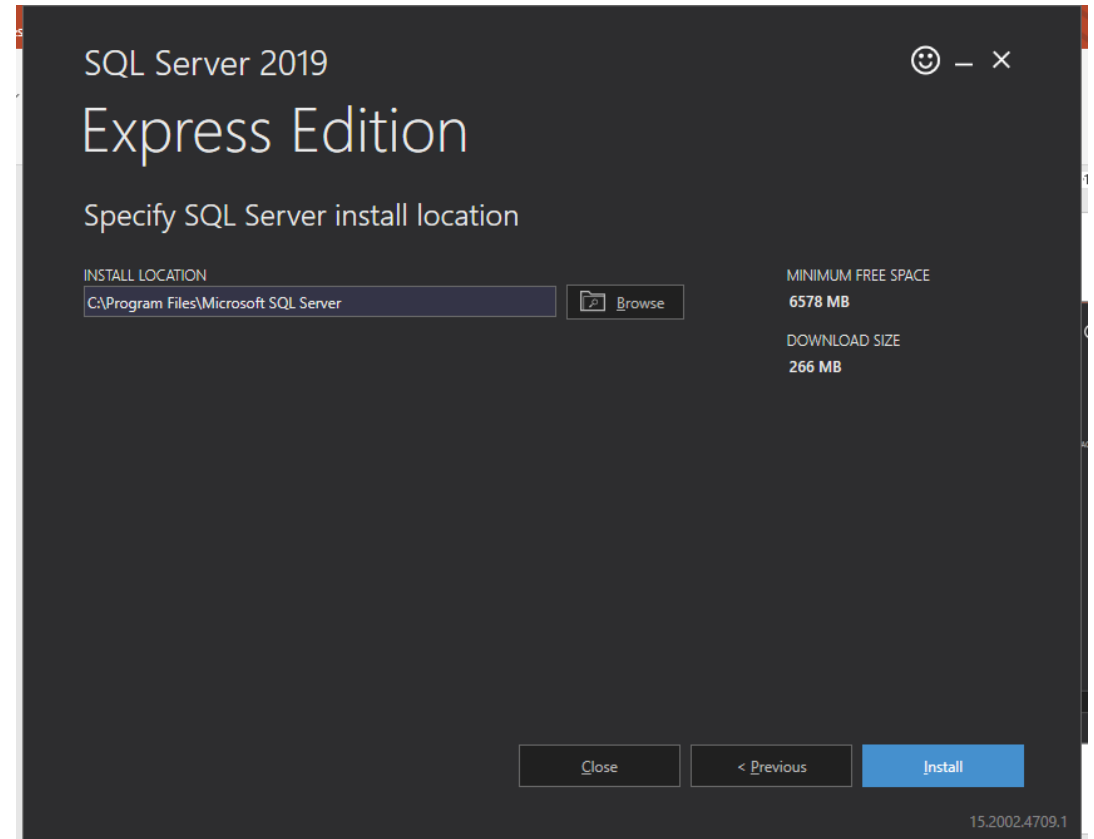- Save the file into system local drive.

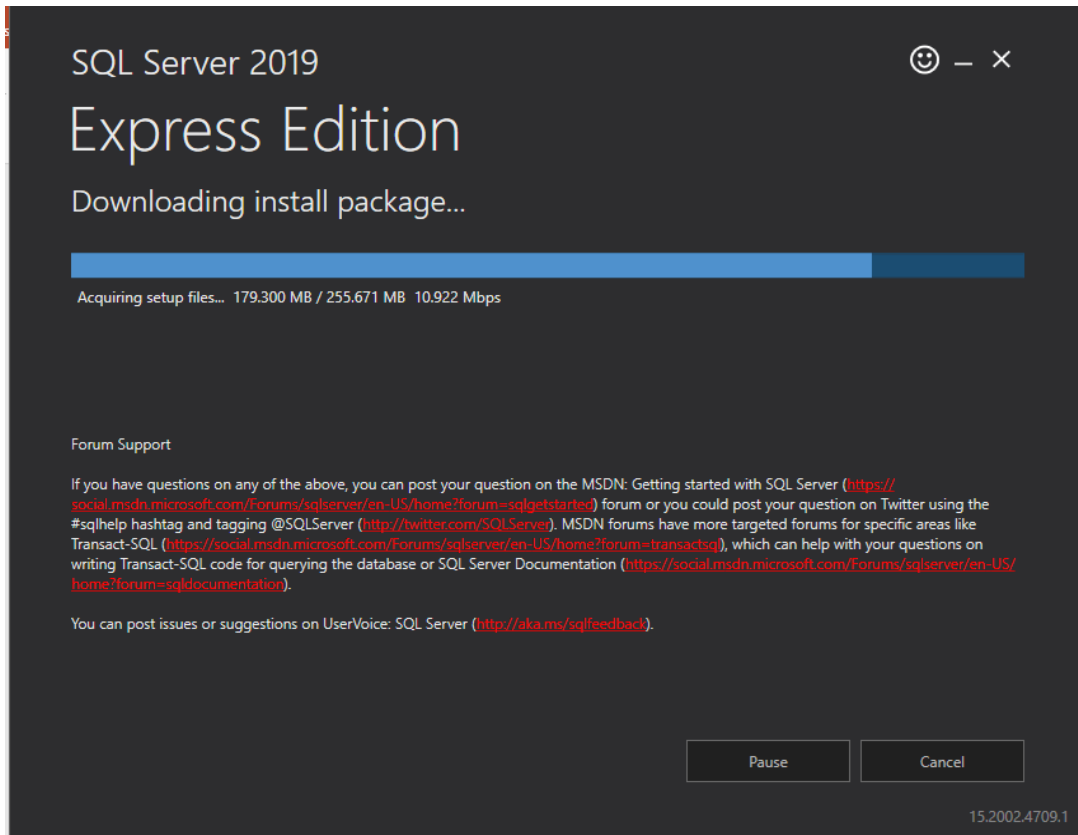- Go to location, where the file was saved and double click to start "Installation" process. (usual process like other software, no need to change any option)
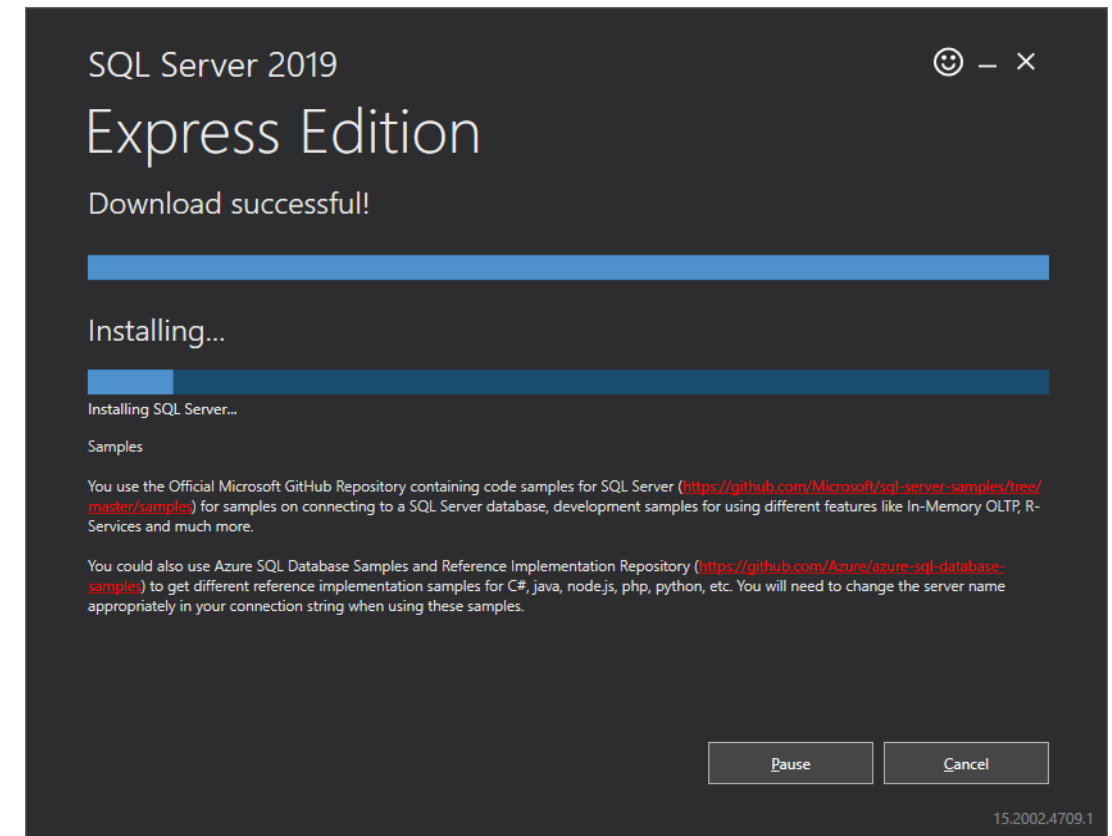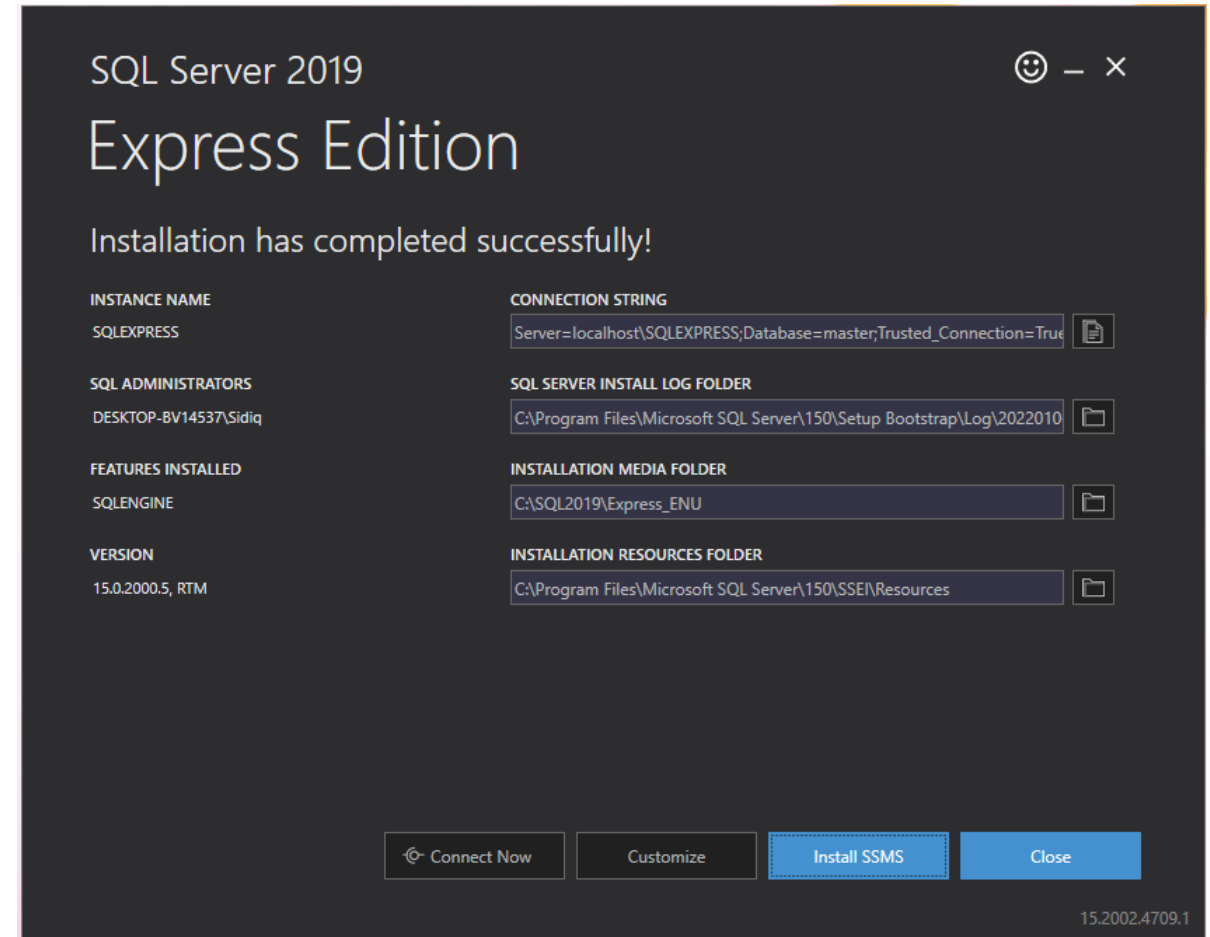
- Yes → Basic →

Accept → Install

- Wait, it takes some time to complete the installation process.

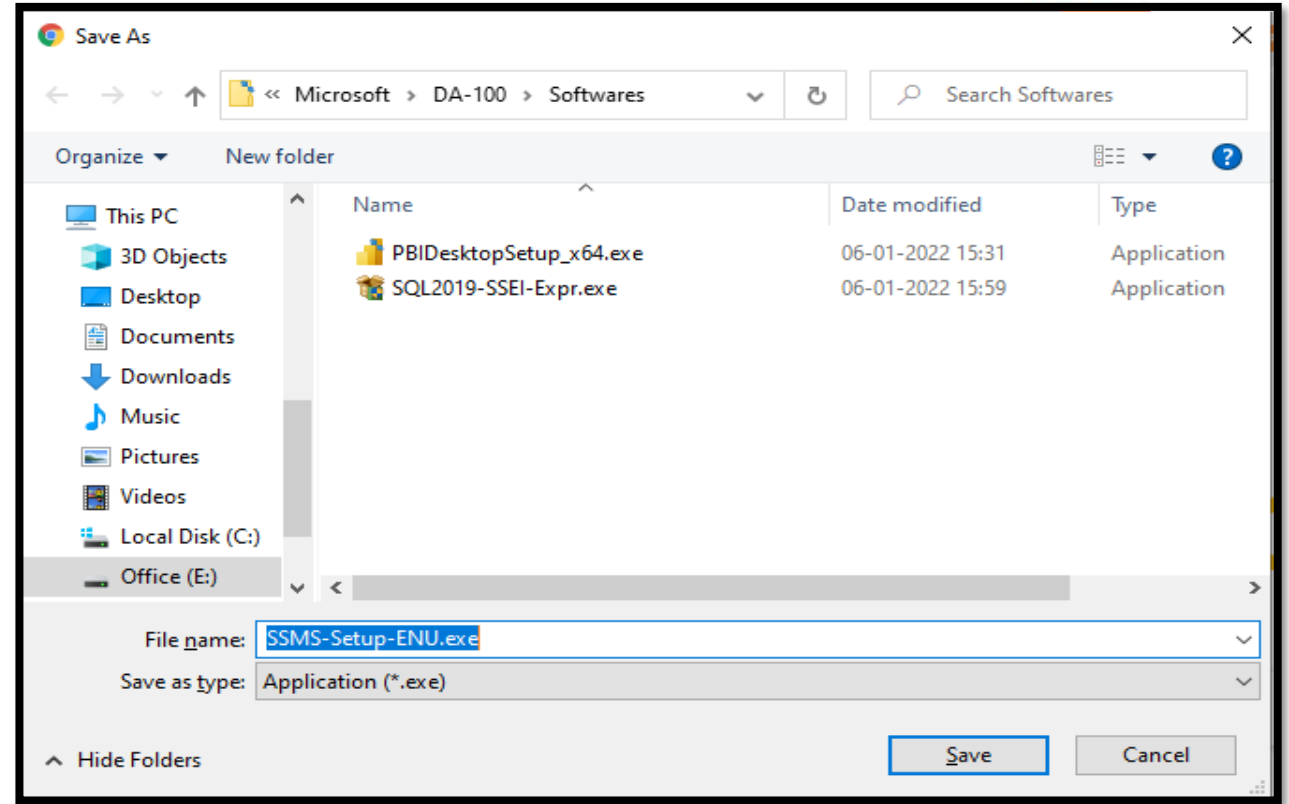- Close the window using "Close" button in

  the right bottom.

Step-4: Installation of SQL Server Management Studio

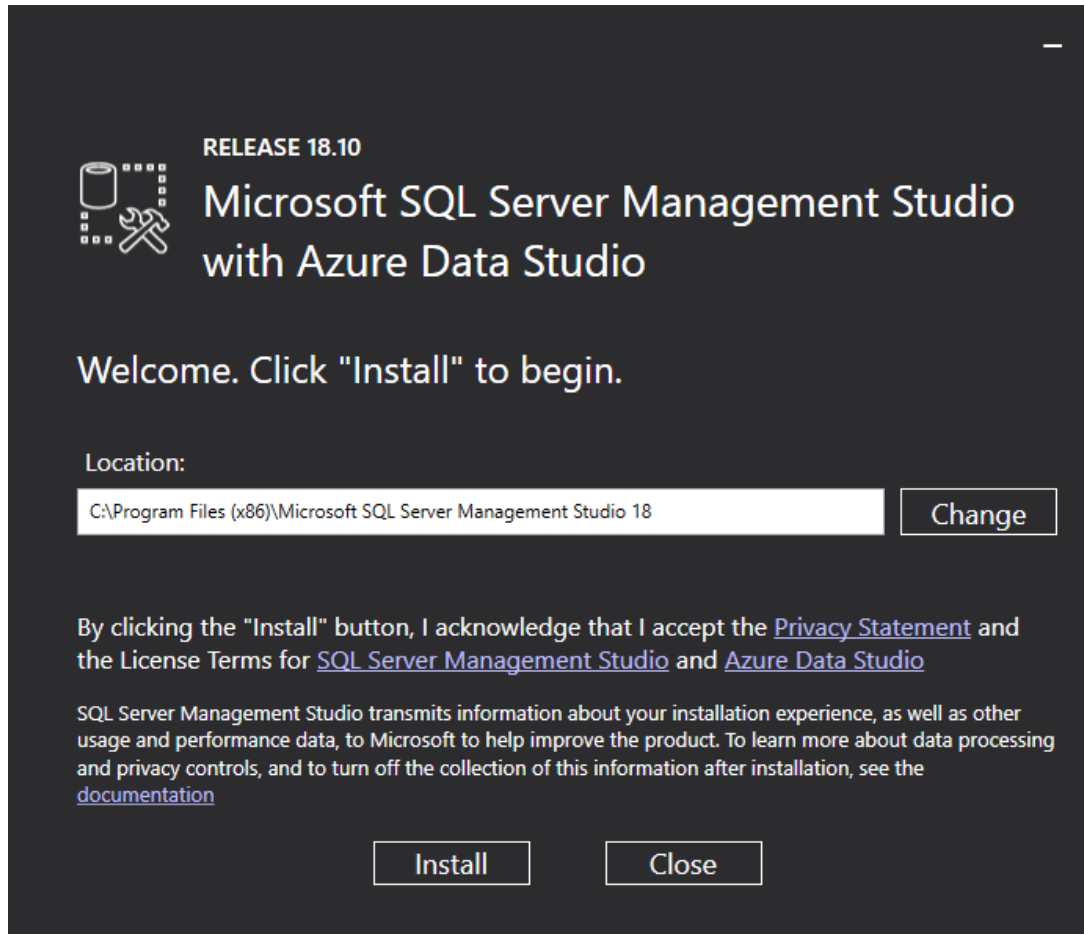- Click the below link to download

  SQL Server Management Studio

  https://aka.ms/ssmsfullsetup

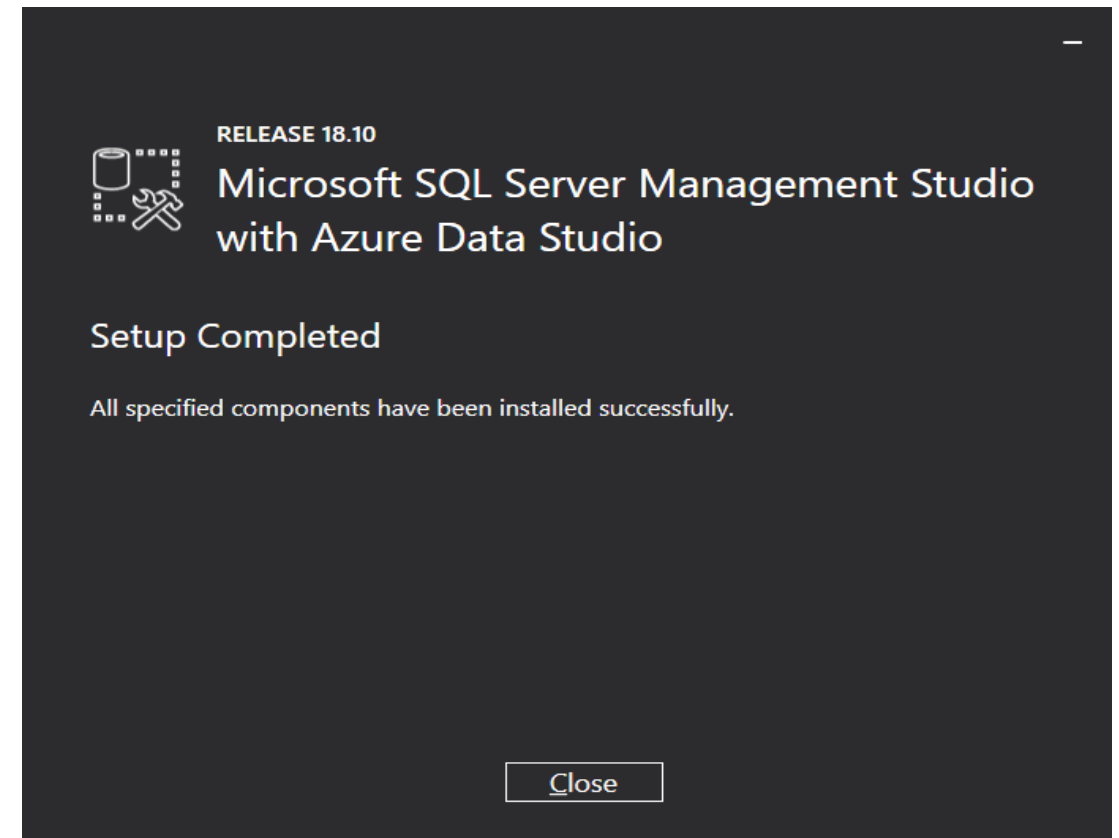- Save the file into system local

  drive.

• Go to location, where the file was saved and double click to start "Installation" process. (usual process like other software, no need to change any option)

RELEASE 18.10

Microsoft SQL Server Management Studio with Azure Data Studio

Welcome. Click "Install" to begin.

Location:

C:\Program Files (x86)\Microsoft SQL Server Management Studio 18 | Change

By clicking the "Install" button, I acknowledge that I accept the Privacy Statement and the License Terms for SQL Server Management Studio and Azure Data Studio.

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the documentation

Install   Close

RELEASE 18.10

Microsoft SQL Server Management Studio with Azure Data Studio

Setup Completed

All specified components have been installed successfully.

Close

Install → Close.

Step-5: Download the supporting files and database

- Click the below link to download

  supporting files

https://github.com/MicrosoftLearning/

DA-100-Analyzing-Data-with-Power-BI

- Code → Download ZIP
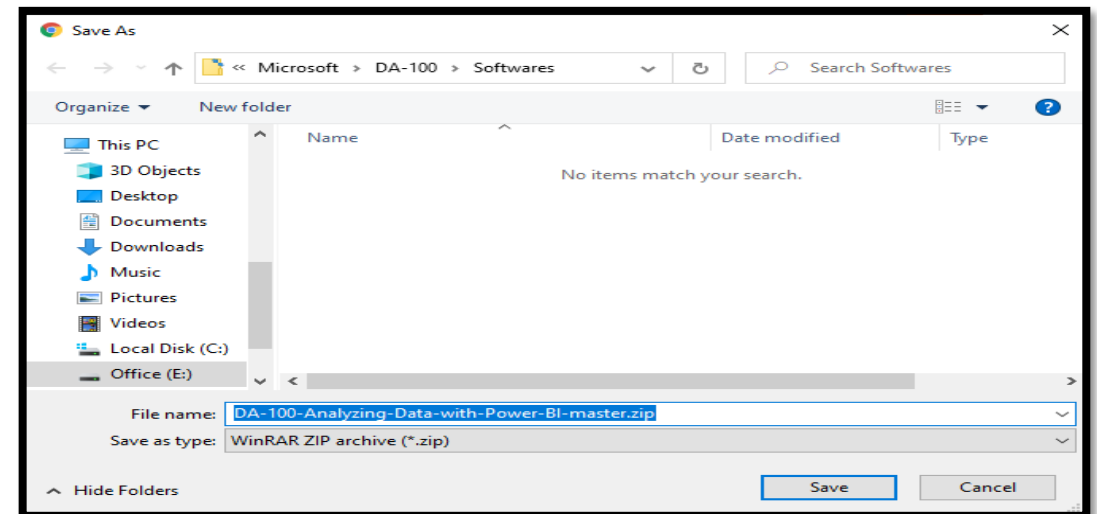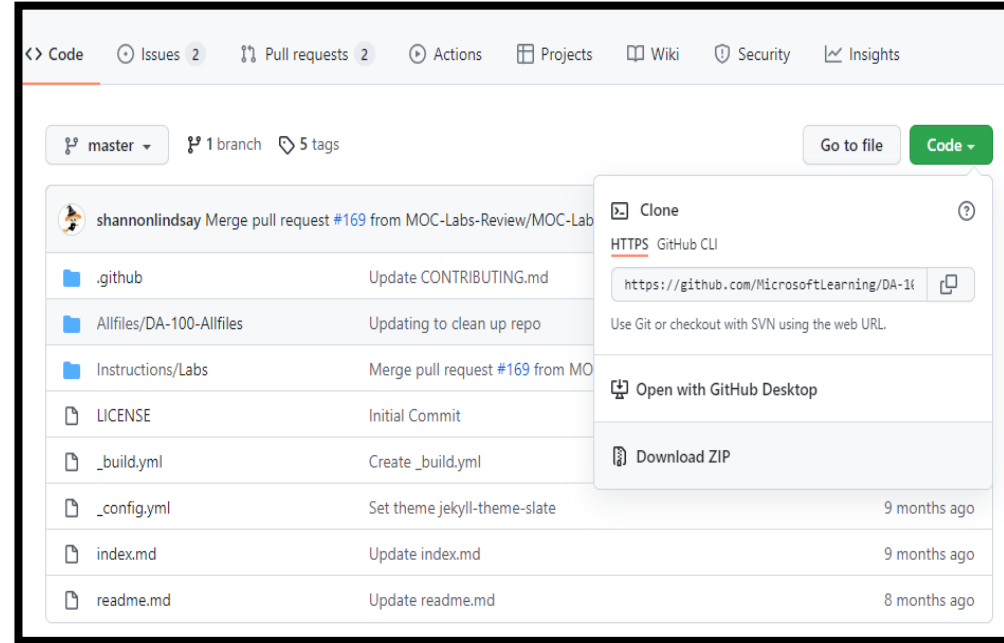
- Go to location, where the file was saved and unzip folder.

- "AdventureWorksDW2020.bak" is the database file using for our lab. It's available in folder ➔ (DA-100-Analyzing-Data-with-Power-BI-master\Allfiles\DA-100-Allfiles\DatabaseBackup).


| Name	Date modified	Type	Size
PBIDesktopSetup_x64.exe	06-01-2022 15:31	Application	3,70,343 KB
PowerBiReportBuilder.en-US.msi	06-01-2022 15:54	Windows Installer ...	29,440 KB
SQL2019-SSEI-Expr.exe	06-01-2022 15:59	Application	6,227 KB
SSMS-Setup-ENU.exe	06-01-2022 16:27	Application	6,69,116 KB
DA-100-Analyzing-Data-with-Power-BI-master.zip	06-01-2022 16:43	WinRAR ZIP archive	46,465 KB

Name	Date modified	Type	Size
.github	28-12-2021 13:29	File folder	
Allfiles	28-12-2021 13:29	File folder	
Instructions	28-12-2021 13:29	File folder	
_build.yml	28-12-2021 13:29	YML File	2 KB
_config.yml	28-12-2021 13:29	YML File	1 KB
index.md	28-12-2021 13:29	MD File	1 KB
LICENSE	28-12-2021 13:29	File	2 KB
readme.md	28-12-2021 13:29	MD File	4 KB

| Name	Date modified	Type	Size
AdventureWorksDW2020.bak	28-12-2021 13:29	BAK File	19,140 KB
TailspinToys2020-US.bak	28-12-2021 13:29	BAK File	29,789 KB

Step-6: Restore the database

- Open the "SQL Server Management Studio" from application list

- Don't change anything on the opening window, just check the Server name should be "PC Name\SQLEXPRESS".(**Note: Remember this path of database, have to use the same with Power BI**)

- Click on "Connect" button to proceed.
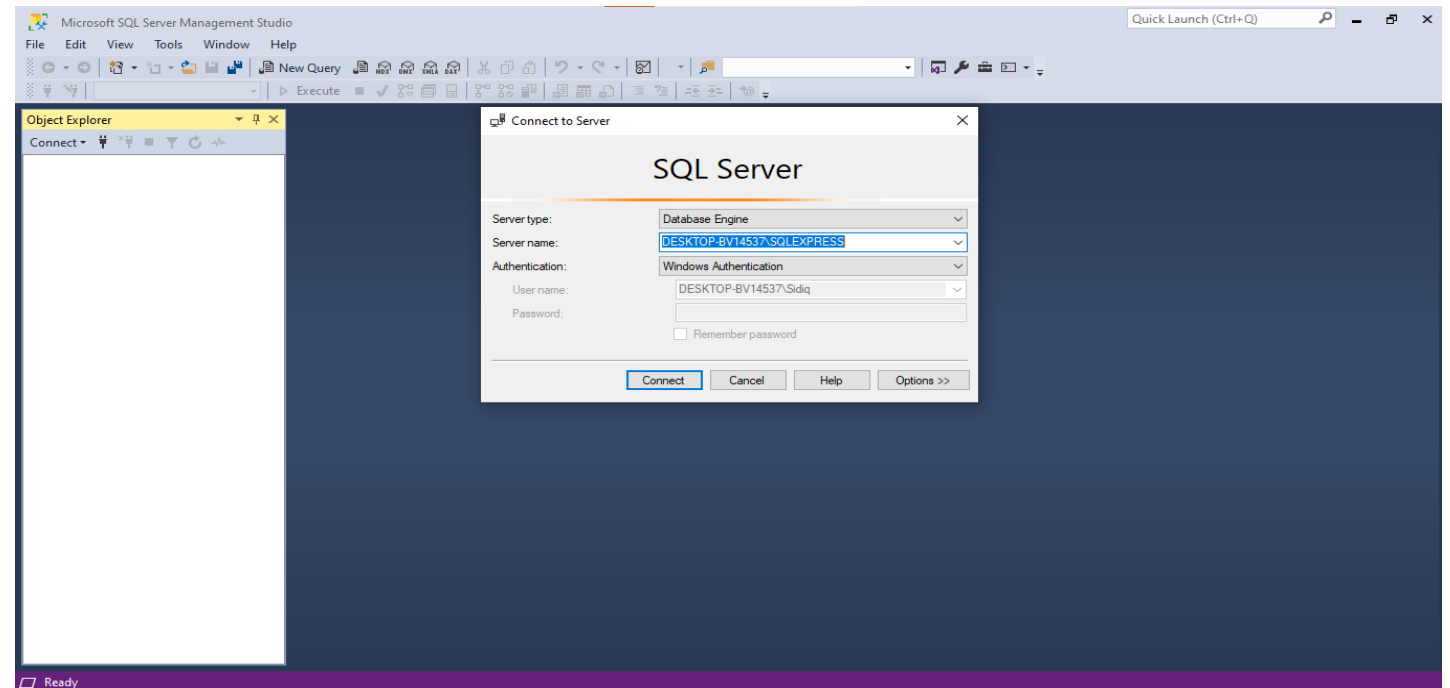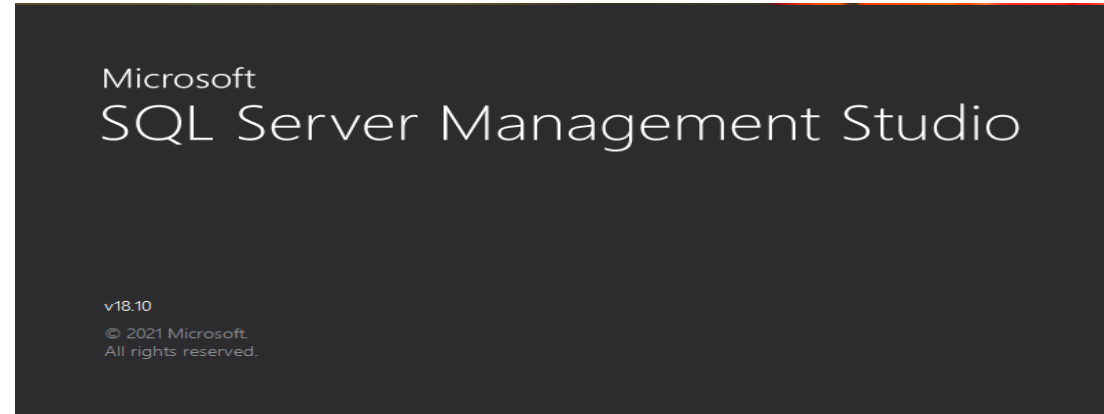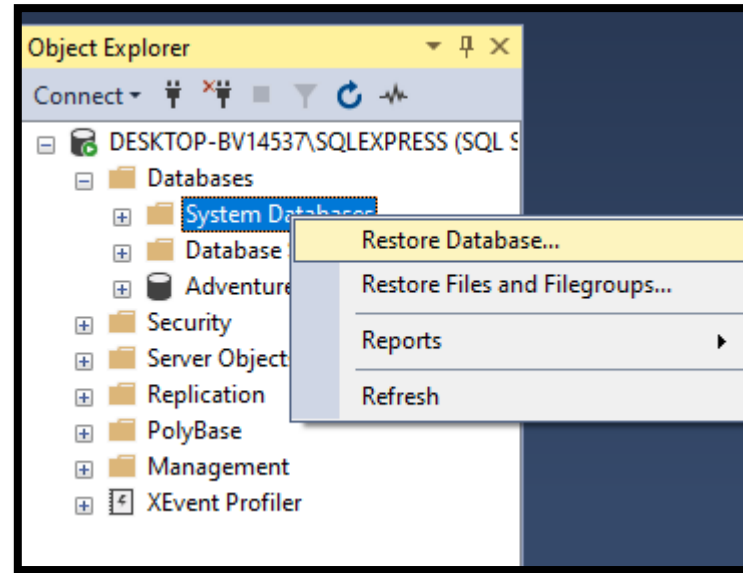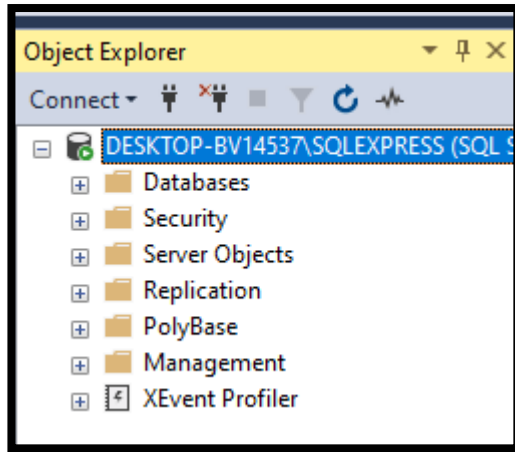
- From the left panel of "SQL Server Management Studio" → go to Databases → System Databases → Right click → Click on "Restore Database..."

- In new dialog box select the "Device" button and click on ... next to the text field.
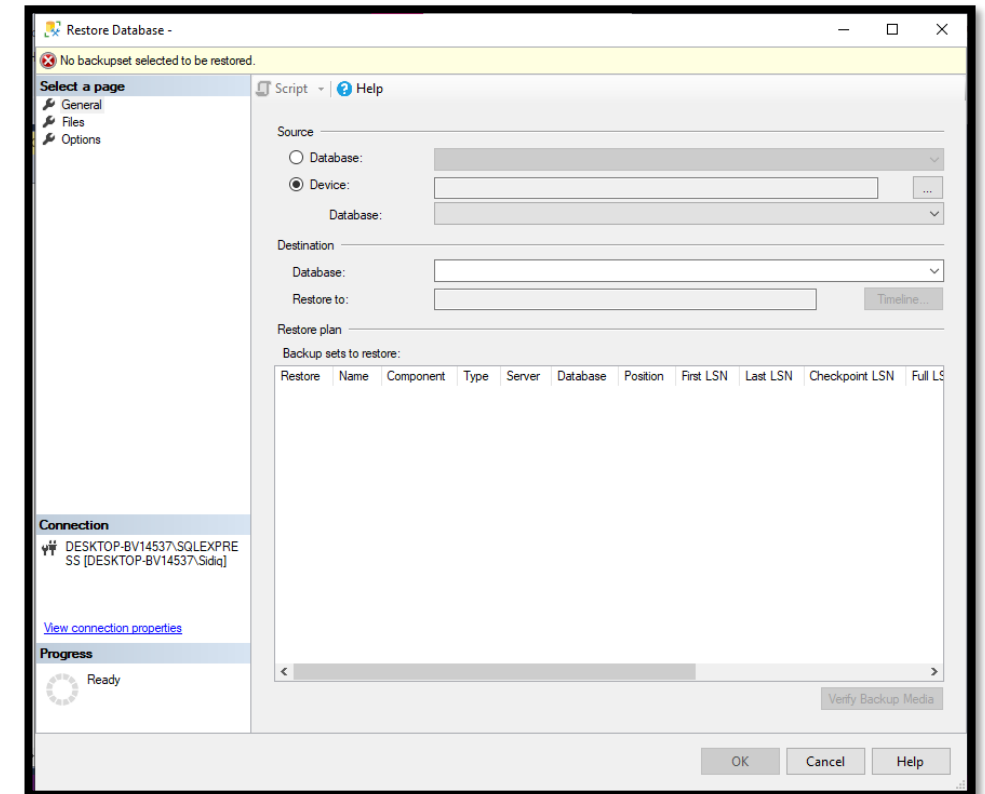
- In new pop-up window → Add

- Again new pop-up window appear, locate the

  database folder from the saved location using the list

  available in the left panel of a dialog box

- After locating the folder, from right side

  select the file ("AdventureWorksDW2020.bak") in

  the right panel

- Ok → Ok → Ok → Added successfully.
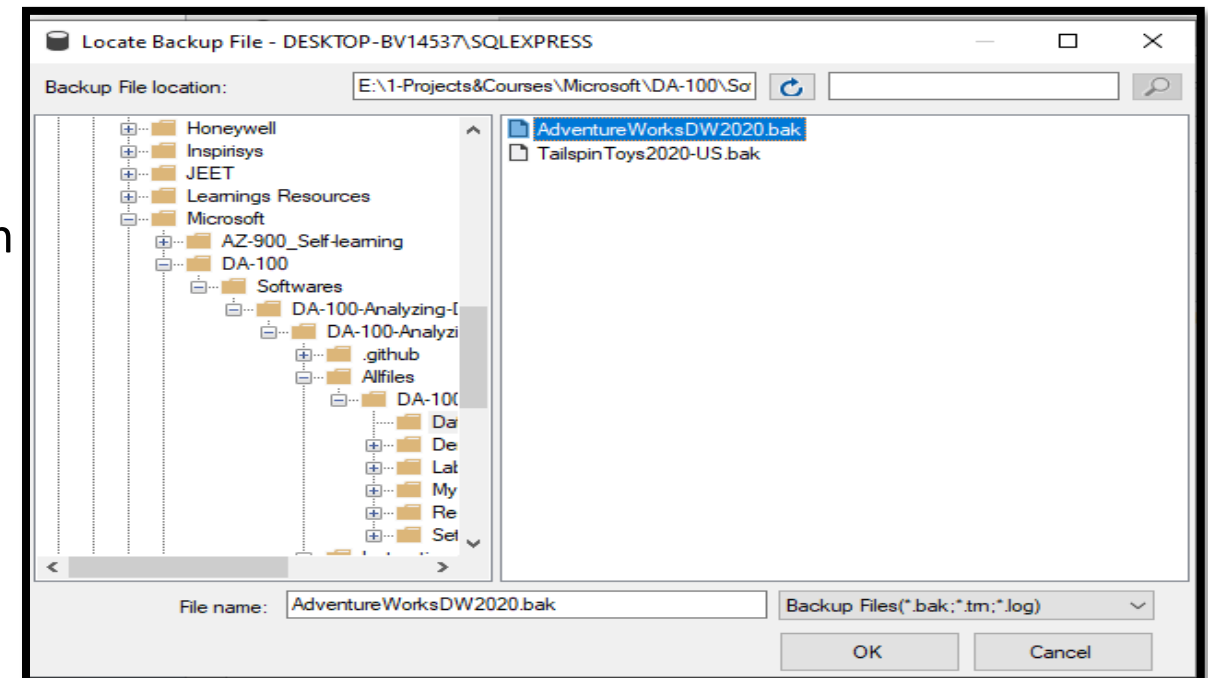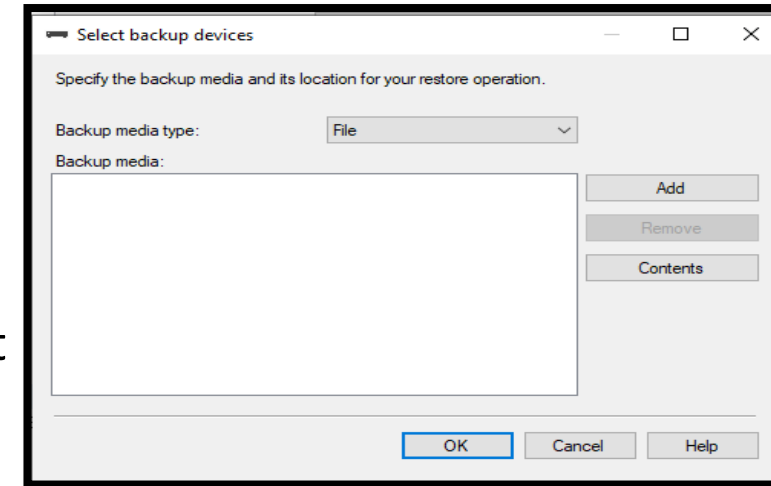
- Database "AdventureWorksDW2020" restored successfully.

- Click → Ok.

Microsoft SQL Server Management Studio

ⓘ Database 'AdventureWorksDW2020' restored successfully.

OK
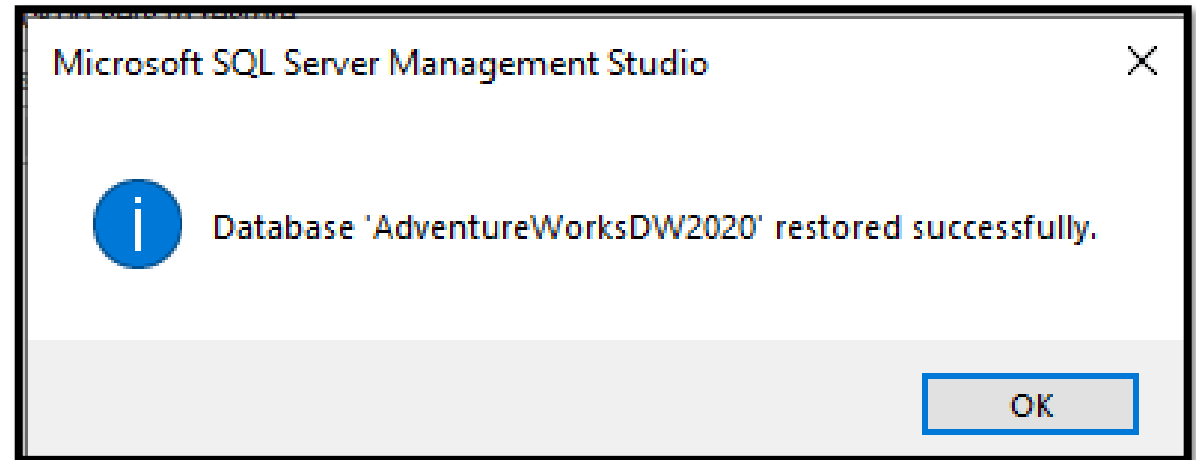
Step-7: Creating shortcut for Power BI Report Builder

- Search "Power BI Report Builder" using search option on Task bar

- Select → Open file location →

  Right click → Send to → Desktop

  (create shortcut).
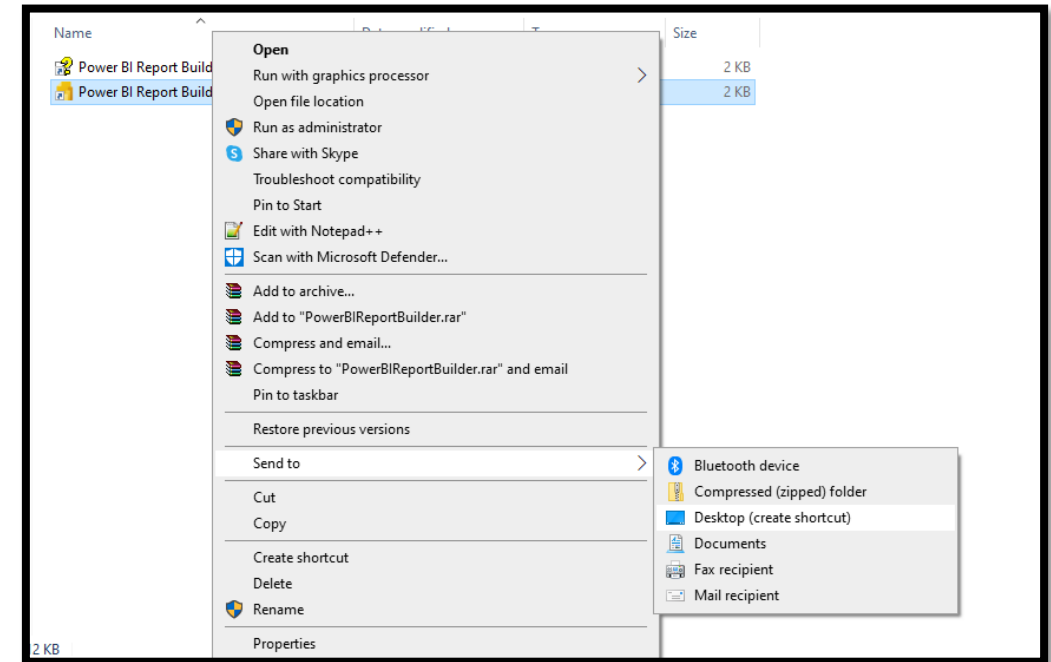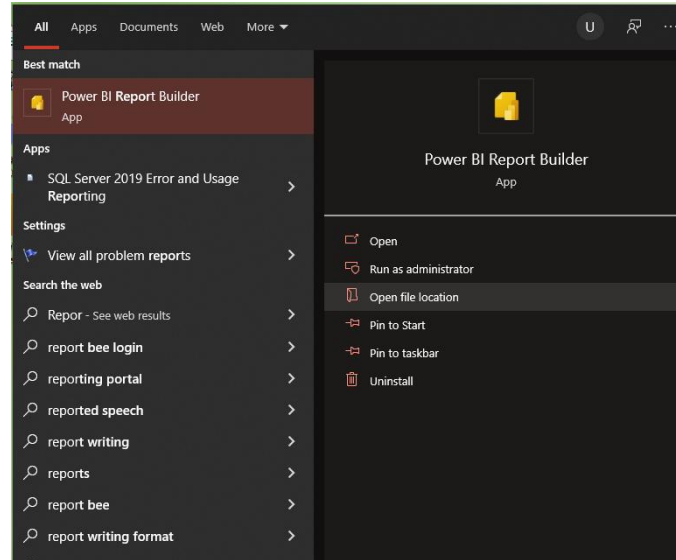
Congratulations!

- Successfully completed the installation and restoration of database.

- Now, follow the lab manual to completed exercises.

- "PC Name\SQLEXPRESS" (**Note: Remember this path of database, have to use with Power BI**).