

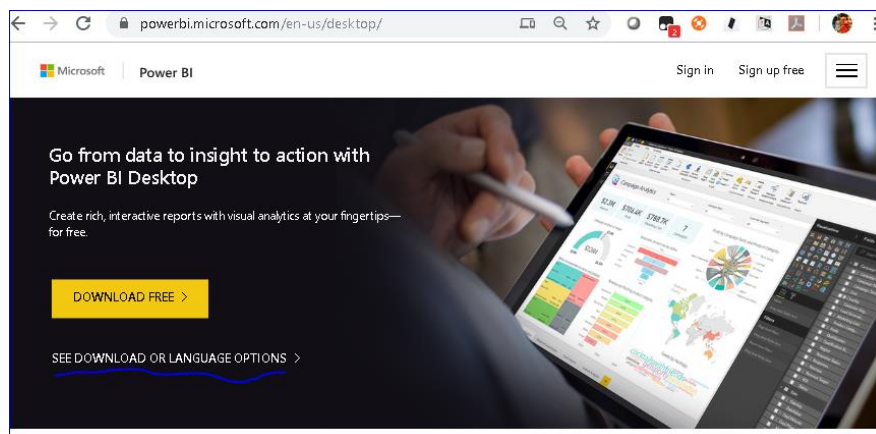
Contents

1	Installation - Power BI	1
1.1	Power BI Desktop	1
1.2	Power BI Report Builder	2
1.3	Power BI Gateway	2
2	Lab Files	4
3	Softwares	5
3.1	Excel	5
3.2	SQL Server	5
3.3	DAX Studio:	5

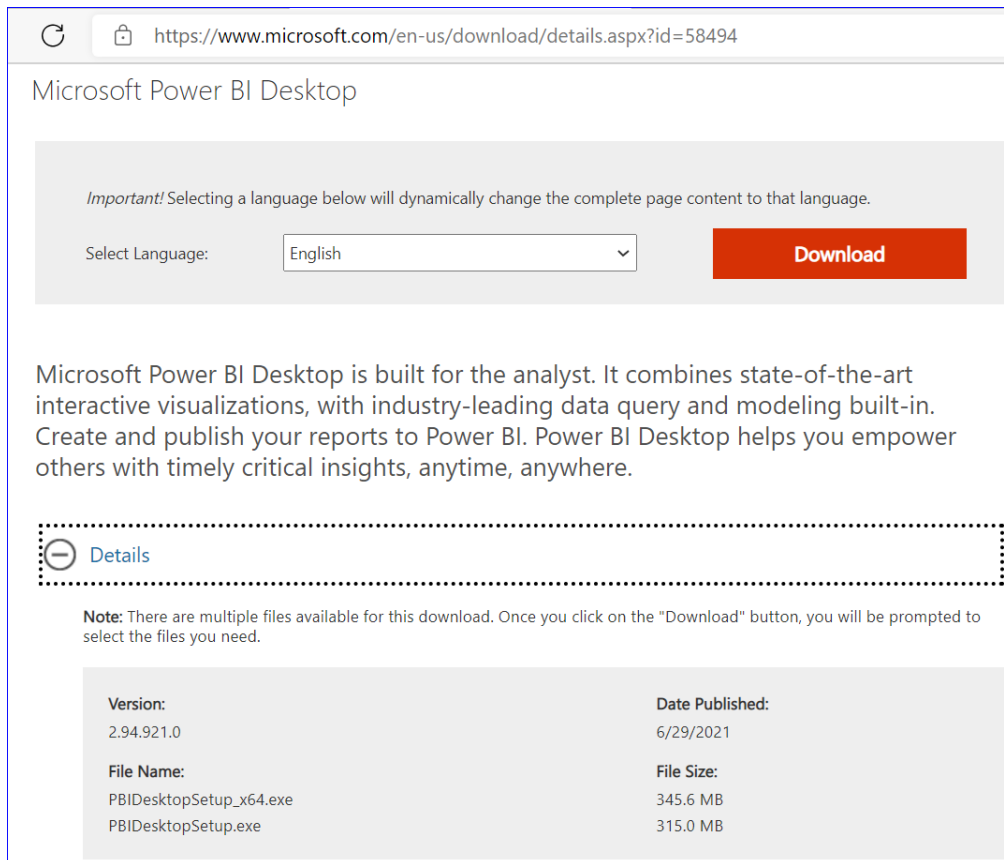
1 Installation - Power BI

1.1 Power BI Desktop

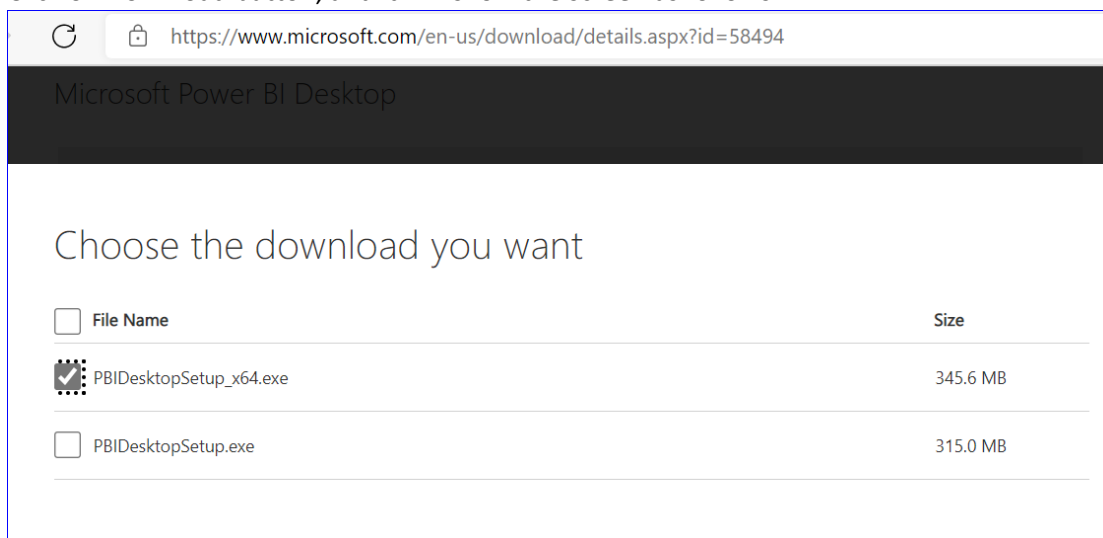
1. Go to <https://powerbi.microsoft.com/en-us/desktop/>



2. Click on SEE DOWNLOAD OR LANGUAGE OPTIONS, and it will show the screen as follows



Click on Download button, and it will show the screen as follows



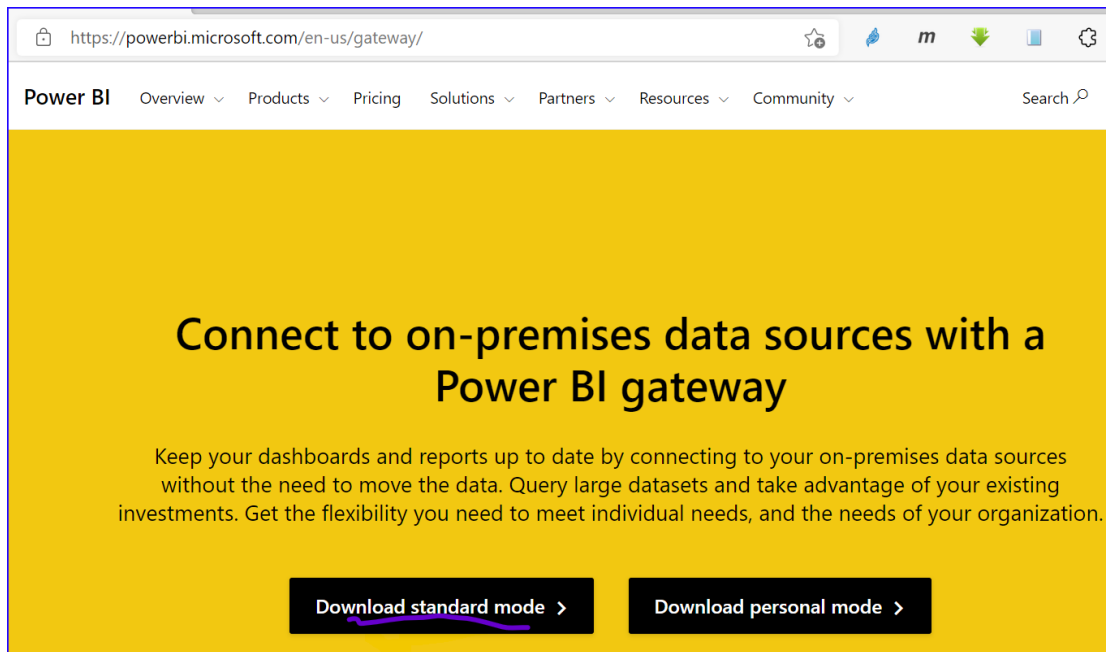
- Download the 64 bit or 32 bit as per your machine configuration, and install the same.

1.2 Power BI Report Builder

- Download and install Power BI Report Builder from <https://www.microsoft.com/en-us/download/details.aspx?id=58158>

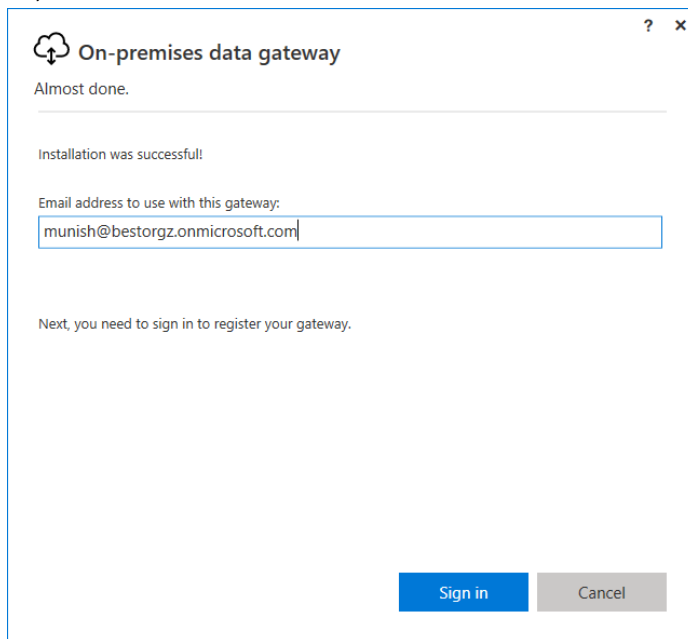
1.3 Power BI Gateway

- Go to <https://powerbi.microsoft.com/en-us/gateway/>



Click on Download Standard Mode, and it will download PowerBIGatewayInstaller.exe

2. Run the installer and install the Gateway
3. After installation is done, it will ask for configuring the gateway
Enter the credentials. Here, in my case username is: munish@bestorgz.onmicrosoft.com
So, enter the details as follows



Click on Sign in, and enter the credentials

4. After sign-in it will show the screen

On-premises data gateway

You are signed in as munish@bestorgz.onmicrosoft.com and are ready to register the gateway.

New on-premises data gateway name
bestOrgzGateway

☐ Add to an existing gateway cluster

Recovery key (8 character minimum)
.....

ⓘ This key is needed to restore the gateway and can't be changed. Record it in a safe place.

Confirm recovery key
.....

[Learn more about gateway clusters](#)

We'll use this region to connect the gateway to cloud services: North Central US [Change Region](#)

Configure Cancel

Enter the details, and click on Configure button, and configure the gateway, and it will show the screen as follows

On-premises data gateway

Status

Service Settings

Diagnostics

Network

Connectors

Recovery Keys

✓ The gateway bestOrgzGateway is online and ready to be used.

Gateway version number: 3000.31.3 (March 2020)

☒ Help us improve the on-premises data gateway by sending usage information to Microsoft.
[Read the privacy statement online](#)

Logic Apps, Azure Analysis Services [Create a gateway in Azure](#)
North Central US

Power Apps, Power Automate ✓ Ready
North Central US

Power BI ✓ Ready
Default environment

Close

2 Lab Files

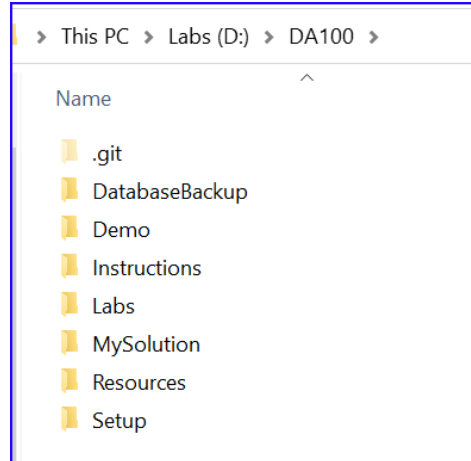
1. Download and install git from <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>
2. Open the command prompt, and
 - a. navigate to d drive
 - b. Execute the following command

```
git clone https://github.com/AroraMunish/DA100.git
```

It will show the screen as follows

```
D:\>git clone https://github.com/AroraMunish/DA100.git
Cloning into 'DA100'...
remote: Enumerating objects: 139, done.
remote: Counting objects: 100% (139/139), done.
remote: Compressing objects: 100% (97/97), done.
remote: Total 139 (delta 6), reused 139 (delta 6), pack-reused 0
Receiving objects: 100% (139/139), 39.46 MiB | 11.33 MiB/s, done.
Resolving deltas: 100% (6/6), done.
```

- c. And It will create the folder on d drive as shown below



3 Softwares

3.1 Excel

64 bit Excel 2016 or later

3.2 SQL Server

1. Download and install

- a. SQL Server Developer Edition from <https://www.microsoft.com/en-gb/sql-server/sql-server-downloads>
- b. SQL Server Management Studio from <https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-2017>
- c. Restore the databases downloaded in step 2.

3.3 DAX Studio:

Download and install Dax studio from <http://daxstudio.org/downloads/>