

## Software specifications

Chapter number	Software required (With version)	If proprietary, can code testing be performed using a trial version	Licensing Model	Download links to the software	Prerequisites
2	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.microsoft.com/en-us/desktop/</a>	Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.  Recommended 8GB+ of RAM, 200 MB of disk space.
2	Visual Studio 2015 or 2017	N/A	N/A	<a href="https://www.visualstudio.com/downloads/">https://www.visualstudio.com/downloads/</a>	Windows 7 SP1 or later, Windows Server 2012R2 or later.  1.8Ghz + Processor, 2+ cores, 2GB of RAM (4GB recommended) Up to 130 GB of disk space
2	Visual Studio Code (Version	N/A	N/A	<a href="https://code.visualstudio.com">https://code.visualstudio.com</a>	Windows, macOS, Linux. 64 and 32 bit.

	1.20.1)				1.6 Ghz+ processor, 1 GB of RAM, 200 MB of disk space.
2	SQL Server Profiler Version 17.5)	N/A	N/A	<a href="https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms">https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms</a>	Windows 7 or later (64-bit), Windows Server 2008 R2 (64-bit)  1 GB of disk space.
3	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.microsoft.com/en-us/desktop/</a>	Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.  Recommended 8GB+ of RAM, 200 MB of disk space.
3	DAX Studio (Version 2.74)	N/A	N/A	<a href="http://daxstudio.org/">http://daxstudio.org/</a>	Windows XP or later, 64 and 32 bit. 20 MB of disk space.
4	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.microsoft.com/en-us/desktop/</a>	Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.

					Recommended 8GB+ of RAM, 200 MB of disk space.
4	DAX Studio (Version 2.74)	N/A	N/A	<a href="http://daxstudio.org/">http://daxstudio.org/</a>	Windows XP or later, 64 and 32 bit. 20 MB of disk space.
5	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.micro soft.com/en- us/desktop/</a>	Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.  Recommended 8GB+ of RAM, 200 MB of disk space.
6	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.micro soft.com/en- us/desktop/</a>	Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.  Recommended 8GB+ of RAM, 200 MB of disk space.
7	Power BI Publisher for Excel	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/excel-dashboard-publisher/">https://powerbi.micro soft.com/en-us/excel- dashboard-publisher/</a>	Windows 7 or later, 64 and 32 bit.  50 MB of disk

					space.
7	Power BI Report Server	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/report-server/">https://powerbi.microsoft.com/en-us/report-server/</a>	Windows 8 or later, Windows Server 2012 or later, 250 MB of Disk Space
8	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.microsoft.com/en-us/desktop/</a>	Windows 7 or later, Windows Server 2008R2 or later. 64 and 32 bit.  Recommended 8GB+ of RAM, 200 MB of disk space.
8	DAX Studio (Version 2.74)	N/A	N/A	<a href="http://daxstudio.org/">http://daxstudio.org/</a>	Windows XP or later, 64 and 32 bit. 20 MB of disk space.
9	On-Premises Data Gateway	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/gateway/">https://powerbi.microsoft.com/en-us/gateway/</a>	Windows 7 or later, Windows Server 2008R2 or later (64-bit)  Recommended: 8 core CPU and 8 GB memory
9	PowerShell	N/A	N/A	<a href="https://docs.microsoft.com/en-us/powershell/scripting/setup/installing-windows-">https://docs.microsoft.com/en-us/powershell/scripting/setup/installing-windows-</a>	Windows 7 or later, Windows Server 2008R2 or later

				powershell?view=powershell-6	
10	Power BI Report Server	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/report-server/">https://powerbi.microsoft.com/en-us/report-server/</a>	Windows 8 or later, Windows Server 2012 or later, 250 MB of Disk Space
10	Power BI Desktop Optimized for Power BI Report Server	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/report-server/">https://powerbi.microsoft.com/en-us/report-server/</a>	Windows 7 or later, Windows Server 2008R2 or later. 64 or 32 bit.  Recommended 8 GB+ of RAM, 200 MB of Disk Space.
10	SQL Server Database Engine	N/A	N/A	<a href="https://www.microsoft.com/en-us/sql-server/sql-server-downloads">https://www.microsoft.com/en-us/sql-server/sql-server-downloads</a>	Windows 8 or later, Windows server 2012 or later, 2.0 Ghz + processor and 4GB+ memory recommended, 6 GB of disk space
11	Power BI Publisher for Excel	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/excel-dashboard-publisher/">https://powerbi.microsoft.com/en-us/excel-dashboard-publisher/</a>	Windows 7 or later, 64 and 32 bit.  50 MB of disk space.
12	Power BI Desktop	N/A	N/A	<a href="https://powerbi.microsoft.com/en-">https://powerbi.microsoft.com/en-</a>	Windows 7 or later, Window

	(March 2018)			us/desktop/	<p>Server 2008R2 or later. 64 and 32 bit.</p> <p>Recommended 8GB+ of RAM, 200 MB of disk space.</p>
13	Power BI Desktop (March 2018)	N/A	N/A	<a href="https://powerbi.microsoft.com/en-us/desktop/">https://powerbi.microsoft.com/en-us/desktop/</a>	<p>Windows 7 or later, Window Server 2008R2 or later. 64 and 32 bit.</p> <p>Recommended 8GB+ of RAM, 200 MB of disk space.</p>
13	Visual Studio 2015 or 2017	N/A	N/A	<a href="https://www.visualstudio.com/downloads/">https://www.visualstudio.com/downloads/</a>	<p>Windows 7 SP1 or later, Windows Server 2012R2 or later.</p> <p>1.8Ghz + Processor, 2+ cores, 2GB of RAM (4GB recommended) Up to 130 GB of disk space</p>

## Detailed installation steps (Products-wise)

The detail documentation of all used Products ( including Pre-requisites for Installation, Administration and Integration ) in this book can be downloaded from below links :

1. Software : Power BI Desktop  
<https://docs.microsoft.com/en-us/power-bi/desktop-get-the-desktop>
2. Software: DAX Studio  
<http://daxstudio.org/documentation/installation/>
3. Software: Visual Studio  
<https://www.visualstudio.com/vs/getting-started/>  
<https://www.visualstudio.com/vs/support/?c=Download+and+Installation>
4. Software : Power BI Report Server  
<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-install-report-server>
5. Software: SQL Server Profiler  
<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms>
6. Software: Power BI Publisher for Excel  
<https://docs.microsoft.com/en-us/power-bi/publisher-for-excel>
7. Software: PowerShell  
<https://docs.vmware.com/en/VMware-vSphere/index.html>