

# SOFTWARE/HARDWARE LIST:-

Chapter Name	Chapter number	Software required (With version)	Hardware specifications	OS required
Introduction to Practical Business Intelligence	1	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Web Scraping	2	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>R 3.3.2</li> <li>RStudio 1.0.4.4</li> <li>Python 3.4.4</li> <li>PyCharm Community Edition</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Analysis with Excel and Creating Interactive Maps and Charts with Power BI	3	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>Microsoft Excel 2016, 2010, or 2003</li> <li>Microsoft Power BI</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Creating bar charts and line charts with D3.js	4	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>D3.js version 3.5.6</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Forecasting with R	5	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>R 3.3.2</li> <li>RStudio 1.0.4.4</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Creating Histograms and Normalization Plots with Python	6	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>Python 3.4.4</li> <li>PyCharm Community Edition</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Creating a Sales Dashboard with Tableau	7	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>Tableau Public 10.0</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Creating an Inventory Dashboard with QlikSense	8	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> <li>QlikSense 3.0.1.0</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least 10GB of hard disk space available	Windows 7,8,10, Vista
Data Analysis with Microsoft	9	<ul style="list-style-type: none"> <li>Microsoft SQL Server 2014</li> </ul>	64 bit architecture, 2+ GHz CPU, 4GB RAM, at least	Windows 7,8,10, Vista

SQL Server			10GB of hard disk space available	
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