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| **Workshop** |  |
| Name | Power BI Service |
| Duration | 1 day |
| Objective | This course explores the development opportunities with Microsoft’s most recent release of Power BI Service. |
| Participants’ Entry Profile | * Participants having some exposure/experience in the area of MS BI (SSAS/SSRS). * exposure/experience on Microsoft Azure |

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Custom Power BI Service



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| **Setup Requirements** |  |
| Hardware and Software Requirements | 1. Organizational Account 2. Azure Subscription 3. Power BI Subscription 4. Public domain for testing 5. On-premise Active Directory 6. Open Internet access   Hardware/Software  Windows Server 2012 R2 / Windows 8.1 with 8 GB RAM  SQL Server 2016 CTP3 or above with BI  Power BI Desktop  SSAS Connector for Power BI  Power BI Personal Gateway  Microsoft Office Porfessional Plus 2013  Visual Studio 2013 Ultimate  SSDT for SQL Server |
| Training Methodology | * Concept Visualization  Active Experimentation * Application Development. * The workshop will be 100% Hands-On with each participant having access to system during the session |
| Training Lab Requirements | * Whiteboard 6 feet by 4 feet (minimum) * Whiteboard markers – Red, Blue, Green, Black * Video Projector (1024 X 768 resolutions) |

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# Course Content

**Day 1**

* **Power BI – Introduction** 
  + Overview of Business Intelligence
  + Use and Benefits of Power BI
  + Features of Power BI Service
* **Power BI Terminology** 
  + Power BI Terminologies (
  + Welcome Screen
  + Workspace Area
* **Dashboard**
  + Working with Dashboards
  + Insights
  + Visualization
  + Filters
  + Alerts
  + Data Sync (Refresh)
  + Association of Data Across Visuals (Cross Filtering)
  + Using Natural Query Language
  + Sharing Dashboards
  + Mobile View
* **Reports**
  + Introduction to Reports
  + Change Visualization
  + Add More Filters
  + Modify Access and Legends
  + In-build Report Viewer
* **Interactive Analysis**
  + Sort a view
  + Filter Data
  + Interactivity
  + Drilling
  + Conditional Formatting
  + Add an Image to a View
  + Using Analytics Pane
* **Data Sets** 
  + Introduction to Multiple Data Sources
  + Create Report using Custom Data
  + Overview of Data and Relationship Views
  + Create a Relationship
* **Overview of Power BI Desktop**
  + Need for Power BI Desktop
  + Advanced Features through Power BI Desktop
  + Multiple Data Sources in Power BI Desktop