Microsoft BI Tools Comparison Guide

Tool	Cloud/Azure	On-Premises	Application Database	Data Repository	Data Mart/DW	Semantic Model	Content Repository	Non-Windows O/S	External Source Pushdown	Low-Code/No-Code	Workflow Management	API Connectivity	Master Data Management	Data Preparation	Machine Learning	Real-Time Analytics	Predictive Analytics	Web Portal	Mobile Application	Interactive Visualizations	Paginated Reports	Report Distribution	Sharing & Collaboration	Self-Service Queries	Database Admin/dev	Semantic Model Development	Report Development	Ticket/Issue Management	Version Control
Location			**Platform**										**Processing**					**Presentation**							**DevOps**				
SQL Server																													
Database Engine	●	●	●	●	●			●																					
Integration Services	●	●						●			●			●															
Analytics Services	●	●		●		●											●							●		●			
Reporting Services		●										●						●	●	●	●	●	●						
Master Data Services		●											●																
Data Quality Services		●											●	●															
Machine Learning Services		●													●	●													
Polybase		●	●	●	●			●	●					●															
MS Office																													
Excel	●	●																●	●					●	●		●		
Power Pivot		●		●		●																			●		●		
Power Query		●												●											●				
Access		●		●										●															
SharePoint	●	●					●				●							●	●				●		●				
Power Platform																													
Power BI Desktop		●		●		●								●	●					●				●		●	●		
Power BI Service	●			●		●					●	●		●	●	●		●	●	●	●	●	●	●					
Power BI Report Server		●										●						●	●	●	●	●	●	●					
Power BI Premium	●			●		●					●	●		●	●	●		●	●	●	●	●	●	●					
Power Automate	●									●		●						●	●										
PowerApps	●									●		●						●	●										
Chatbots	●									●								●											

Microsoft BI Tools Comparison Guide (continued)

	Location		Platform										Processing					Presentation						DevOps					
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DevOps																													
SQL Server Management Studio		●																						●	●				
Azure Data Studio		●																						●	●				
SQL Server Data Tools		●																						●	●	●	●		
Visual Studio		●																						●	●	●	●		
Azure DevOps Service/VSTS	●						●				●							●					●					●	●
Azure DevOps Server/TFS		●					●				●							●					●					●	●
Report Builder		●																									●		
Azure																													
HDInsight	●		●	●														●											
Data Factory	●								●					●				●											
Stream Analytics	●													●		●		●											
Machine Learning	●																●	●											
Storage	●		●	●										●				●											
Data Catalog	●											●						●						●	●				
Functions	●										●							●											
Cosmos DB	●																												
Synapse	●		●	●	●			●	●		●	●		●	●		●	●											
Common Data Service	●			●		●					●			●				●									●		
Other																													
OneDrive	●						●											●	●				●						●
Skype for Business	●	●																	●				●						
Teams	●	●					●				●	●						●	●				●						

Senturus is an enterprise business Intelligence consulting and training company. Experts across the full analytics stack, we optimize Power BI (as well as Cognos and Tableau) and offer a full suite of services to meet the needs of business and IT, including strategy, architecture, data modeling, migrations, training and staffing.