Business intelligence tools and their applications

As you advance in your business intelligence career, you will encounter many different tools. One of the great things about the skills you have been learning in these courses is that they're transferable between different solutions. No matter which tools you end up using, the overall logic and processes will be similar! This reading provides an overview of many of these business intelligence solutions.

Tool	Uses
Azure Analysis Service (AAS)	• Connect to a variety of data sources • Build in data security protocols • Grant access and assign roles cross-team • Automate basic processes
CloudSQL	• Connect to existing MySQL, PostgreSQL or SQL Server databases • Automate basic processes • Integrate with existing apps and Google Cloud services, including BigQuery • Observe database processes and make changes
Looker Studio	• Visualize data with customizable charts and tables • Connect to a variety of data sources • Share insights internally with stakeholders and online • Collaborate cross-team to generate reports • Use report templates to speed up your reporting
Microsoft PowerBI	• Connect to multiple data sources and develop detailed models • Create personalized reports • Use AI to get fast answers using conversational languages • Collaborate cross-team to generate and share insights on Microsoft applications
Pentaho	• Develop pipelines with a codeless interface • Connect to live data sources for updated reports • Establish connections to an expanded library • Access an integrated data science toolkit
SSAS SQL Server	• Access and analyze data across multiple online databases • Integrate with existing Microsoft services including BI and data warehousing tools and SSRS SQL Server • Use built-in reporting tools
Tableau	• Connect and visualize data quickly • Analyze data without technical programming languages • Connect to a variety of data sources including spreadsheets, databases, and cloud sources • Combine multiple views of the data in intuitive dashboards • Build in live connections with updating data sources

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