



Data Modeling & Transformation Capabilities Comparison

	Tableau Desktop	Tableau Prep	Power BI Desktop	Power BI Dataflows	Cognos Framework Manager	Cognos Data Modules
Join	✓	✓	✓	✓	✓	✓
Union	✓	✓	✓	✓	✓	✓
Data type	✓	✓	✓	✓	✓ *	✓
Split	✓	✓	✓	✓	✓	✓
Aggregate	✓	✓	✓	✓	✓	✓
Rename	✓	✓	✓	✓	✓	✓
Calculations	✓	✓	✓	✓	✓	✓
Filter	✓	✓	✓	✓	✓	✓
Hierarchies	✓	✗	✓	✓	✓	✓
Composite/federate	✓	✓	✓	✓	✓	✓

* Calculation only

Watch our [on-demand webinar](#) to see demos and get a more complete understanding of the capabilities available within the three tools.

Data Modeling & Transformation Capabilities Comparison (continued)

	Tableau Desktop	Tableau Prep	Power BI Desktop	Power BI Dataflows	Cognos Framework Manager	Cognos Data Modules
Remove rows	✓	✓	✓	✓	X	X
Replace/clean	✓	✓	✓	✓	X	✓
Intelligent grouping	✓	✓	✓	✓	X	✓
Auto-binning	✓	✓	✓	✓	X	✓
Fill	X	X	✓	✓	X	X
Pivot/unpivot	X	✓	✓	✓	X	X
Security	✓	X	✓	✓	✓	✓ **
Aggregate aware	X	X	✓	✓	X	X
Script (R/Python)	✓	✓	✓	✓	X	✓
Query/storage options	Live/extract	Extract	Direct/import/hybrid	Direct/import/hybrid	Live	Live/extract
Lineage	Explain Data	Explain Data	X	✓	✓	✓
AI/ML/fuzzy logic	X	✓	X	X	X	Intent
Version control	✓	X	X	X	✓	X

Product strength

** Database sources only

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