



AI-Powered Tableau to **Power BI** Migration



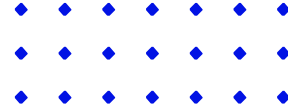
Fact Sheet

BIPort Migration Assistant

v2.3.5

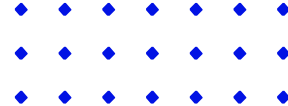


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BIPort Migration Assistant v2.3.5 Fact Sheet

Features	Details
Version Compatibility	Migration Assistant supports most of the structured data sources and Tableau versions 2024.3 / 2024.2 / 2024.1
Discovery	Accesses the Tableau environment, identifies Sites, projects, Sub Projects, and reports along with usage details
Cumulative Summary	Generates document with details like number of Dashboards, data sources, calculation fields, etc. to provide overview of each module (a set of Tableau reports)
Baselining Technical Requirements	Generates report report-wise technical summary document that comprises Tables, columns, relationships, supported visuals, unsupported visuals, and calculated fields
Batch wise processing	It has the ability to process multiple reports at a time, grouped at sub project level / Semantic model level.
Semantic model migration	Supports both One-to-One migration of the semantic model as well as one semantic model for the related combination of data sources
Logic Transformation	Power BI transforms calculated fields into equivalent DAX (Data Analysis Expressions) formulas
Visualization Migration	Reconstructs visuals, data hierarchies, relationships, and measures in Power BI
RLS security	Manual recreation of RLS security for each visual migration
Error Minimization	Smooth transition is ensured with minimal disruption by minimizing human errors in the migration process
Charts	Migrates most of the visuals (refer to the supported visuals tables) Power BI natively supported charts seamlessly
Cloud support	Supports Azure and AWS cloud platforms
Tech Stack	<ul style="list-style-type: none"> ○ OS: Ubuntu 22.04 LTS ○ vCPUs: 2 ○ RAM: 4GB ○ DB: PostgreSQL 16.3, vCPU -2, RAM – 2GB ○ Storage: 50GB (Depends on number of Reports) ○ Software: Node.js v20.16.0, Python v3.11.4 ○ Frontend: React

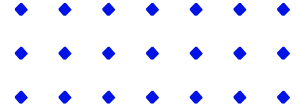


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Features	Details
Migration Accuracy	Achieves up to 80% accuracy in dashboard conversion, preserving insights and visuals
Migration Timelines	Reduces migration project timelines as much as 50-60%
Scalability	Supports organizations of all sizes, handling complex dashboards effortlessly
Resource Skills	Eliminates the need for the Tableau and Power BI SME to understand source and target systems for migration
Cost	BIPort costs are competitive compared to others in the industry
Automation	Automates in a simple 3 step approach
Metadata	Data is safe and secure in the client environment as the Migration Assistant leverages metadata for visual migration

Supported Visuals

Visuals Type	Power BI
Bar Area chart (Multiple)	✓
Bar Line chart (Multiple)	✓
Map	✓
Filled map	✓
Lines (Continuous)	✓
Multiple Cards	✓
Single Card	✓
Pie chart	✓
Tree map	✓
Pivot table	✓
Slicer	✓
Scatter Plot	✓
Vertical bars	✓
Horizontal bars	✓
Area Chart	✓
Highlighted tables	✓
Area Chart(discrete)	✓
stacked bars	✓
Textbox	✓
Lines (Discrete)	✓
Text tables	✓
Dual lines	✓
Dual combination	✓



Common Challenges:

- Differences in data modeling and calculation logic (Tableau vs. Power BI DAX).
- Not all Tableau visuals or features have direct Power BI equivalents; some customization may be required.
- Data structure mismatches may require data model redesign.
- User resistance and workflow changes; training is essential.
- Potential performance issues with large datasets; optimize models in Power BI.

Benefits of Power BI:

- Cost-effective, especially for organizations already using Microsoft products.
- Seamless integration with the Microsoft ecosystem (Azure, Office 365, Teams).
- Strong data modeling and governance features.
- Broad self-service analytics capabilities.