

## Tableau to Power BI Migration Tool

### Accelerate Your Tableau to Power BI Transition with Sparity's Migration Assistant

Migration Assistant is an advanced, AI-powered migration tool designed to automate the conversion of Tableau dashboards and workbooks (.twb) into Power BI (.pbip) formats. Tailored for enterprises, data professionals, and BI consultants, Migration Assistant eliminates the complexity, manual effort, and risk of errors typically associated with Tableau to Power BI migrations, delivering a seamless transition in just minutes.

#### Key Benefits

- **Rapid, Automated Migration:** Convert Tableau dashboards to Power BI-ready formats in under two minutes, drastically reducing project timelines and manual workloads.
- **AI-Driven Accuracy:** Intelligent algorithms ensure precise mapping of data models, calculations, and visualizations, maintaining over 98% accuracy and fidelity between platforms.
- **Bulk Migration Support:** Effortlessly migrate multiple Tableau reports and dashboards in a single action, ideal for large-scale enterprise transitions<sup>1</sup>.
- **Preserve Dashboard Logic:** Automatically retain filters, hierarchies, parameters, and user interactivity, ensuring continuity and minimizing post-migration adjustments.
- **No Coding Required:** User-friendly web interface enables anyone to upload Tableau files and download Power BI outputs—no technical expertise or installation needed.
- **Enterprise-Grade Security:** Robust security protocols protect sensitive data throughout the migration process, making Migration Assistant suitable for organizations with strict compliance requirements.
- **Cost and Resource Efficiency:** By automating migration, Migration Assistant helps organizations save on manual labor, reduce costs, and accelerate Power BI adoption.

#### How Migration Assistant Works

1. **Upload:** Upload your Tableau file (.twb ) into the Migration Assistant platform.
2. **AI-Powered Conversion:** The tool's AI engine analyzes and maps Tableau elements—visualizations, data sources, and calculations—to their Power BI equivalents.

3. **Semantic Model:** Upload the semantic model as a .zip file, explained in the section below
4. **Download:** Within minutes, download your fully converted Power BI (.pbip) file, ready for immediate use.

#### Manual creation of Semantic Model

- Open a blank report in Power BI Desktop
- Connect to the Data source used for the Tableau report, such as Excel workbooks / SQL / Oracle/SAP Hana / CSV, to get the table details imported to the Power BI file.
- Click Autodetect to create the cardinality between the tables as per the existing relationships in the Tableau report. If not detected, create manually.
- Create DAX calculated columns in the Power BI tables for each corresponding calculated fields in the tableau report.
- Go to "Options and settings" → Options → Preview features (Under Global) → select Store semantic model using TDML format
- Save the report as a <REPORTNAME>.pbip format
- Above step will create folders -Report, SemanticModel with the <REPORTNAME> and <REPORTNAME>.pbip file.
- Compress the folders and file into a .zip file to upload during the migration step.

#### Who Should Use Sparity Migration Assistant?

- Enterprises and organizations migrating from Tableau to Power BI
- BI consultants managing client migrations
- Data transformation and modernization teams
- Data professionals seeking a fast, reliable, and code-free migration solution

#### Why Choose Sparity's Migration Assistant?

Migration Assistant stands out for its speed, accuracy, and ease of use. It reduces migration time by up to 50%, minimizes manual rework, and ensures a smooth rollout of Power BI across teams. With Migration Assistant, organizations can confidently modernize their analytics infrastructure and unlock deeper insights in Power BI, without the usual headaches of manual migration.

For more information or to get started, contact the Sparity team at [biport@sparity.com](mailto:biport@sparity.com)