

Unlock Ultimate Productivity with Tabular Editor 3

Most Microsoft BI developers and data engineers are already familiar with Tabular Editor 2 – the free, open-source desktop application that significantly enhances productivity when building semantic models for Analysis Services or Power BI.

Tabular Editor 2 allows you to quickly edit the full Tabular Object Model (TOM), make batch changes, and even copy/paste objects between models. It also includes a C# scripting engine, a Best Practice Analyzer, and a Deployment Wizard. With so many powerful features at your fingertips, you might ask – what more could you want?





Your one-stop-shop for ultimate productivity

While Tabular Editor 2 provides essential tools for model development, we wanted to take things even further. Enter Tabular Editor 3 – your one-stop shop for ultimate productivity in semantic model development. Designed with professionals in mind,

Tabular Editor 3 delivers a comprehensive, polished toolset that meets the demands of power users and teams working on large-scale data models.

Work faster and smarter

With professional documentation, online training, and dedicated support, Tabular Editor 3 ensures you have everything you need to streamline your workflow, tackle complex modeling tasks, and get the most out of your data. Whether you're optimizing performance, automating tasks, or collaborating on a team, Tabular Editor 3 is built to help you work faster and smarter.

| |  |  |  |  |
|---|---|---|---|---|
| Edit all Semantic Model objects and properties | ✓ ¹ | × | ✓ | ✓ |
| Syntax highlighting and automatic formula fixup | ✓ | ✓ | ✓ | ✓ |
| IntelliSense™ / Code assist for DAX | ✓ | ✓ | × | ✓ |
| Lightning fast – even on large, complex models | × | × | ✓ | ✓ |
| View DAX dependencies visually | × | × | ✓ | ✓ |
| Copy/paste, drag/drop, undo/redo any TOM object | × | × | ✓ | ✓ |
| Make batch changes to any TOM object | ✓ ¹ | × | ✓ | ✓ |
| Best Practice Analyzer | × | × | ✓ | ✓ |
| C# scripting / macros | × | × | ✓ | ✓ |
| Preview table data (1 table at a time) | ✓ | ✓ | × | ✓ |
| Preview table data (as many tables as you want) | × | × | × | ✓ |
| Write and execute DAX queries | ✓ | × | × | ✓ |
| Select and execute partial DAX queries | × | × | × | ✓ |
| Test and verify DAX calculations in a Pivot/Matrix | ✓ | × | × | ✓ |
| Edit DAX objects and their properties in a DAX script | ✓ ¹ | × | × | ✓ |
| DAX debugger | × | × | × | ✓ |
| DAX code actions | × | × | × | ✓ |
| VertiPaq Analyzer and DAX Optimizer integration | × | × | × | ✓ |
| Metadata Translations and Perspective Editor | × | ✓ ² | × | ✓ |
| Create and edit Direct Lake models | ✓ ³ | × | × | ✓ |
| Compare Table Schema with Source | × | × | ✓ ⁴ | ✓ |
| Asynchronous (background) data refresh | × | × | × | ✓ |
| Table Groups | × | × | × | ✓ |

¹ = TMDL View (new feature in Power BI Desktop since January 2025, enables script-based access to all Semantic Model object and properties)

² = Visual Studio has Metadata Translations/Perspective Editor through the BIDSHelper extension

³ = Power BI Desktop can edit Direct Lake models, but not create them

⁴ = Tabular Editor 2 is limited to legacy (provider) data sources and SQL partitions