

Comparison: BOI FreeDa vs. DBeaver

Criteria	BOI FreeDa	DBeaver (Community Edition)	DBeaver PRO
→ Time-to-value	Ready to use for data maintenance; adaptation to business processes in just a few weeks	Ready to use for technical users; adaptation to business processes requires additional development	Ready to use for technical users; adaptation to business processes requires additional development
→ Audit trail & compliance	Out of the box: audit trail, versioning, traceable changes including user/timestamps	Not available by default; must be implemented using database mechanisms or additional solutions	Can be partially mapped using database mechanisms, tools, and logs, but is not standardized
→ Governance & roles	Granular role and permission management at the application level	Basic database user and authorization management; without precise control over authorization, data or tables can be deleted	Advanced security mechanisms (SSO, IAM, etc.)
→ Maintenance processes	Standardized 2-, 4-, and 6-eye processes, including change view	No workflow support, direct data editing	No native approval or dual-review workflows
→ Table-level validation logic	User-configurable rules and validation mechanisms at the table level	Can only be implemented using SQL or additional logic	Only via SQL, scripts, or additional logic
→ Excel integration	Seamless import/export workflows	Import/export are available, but they are technically oriented	Support for advanced data formats (CSV, XLSX, etc.)

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➔ Database connection	Supports all major relational databases	All common and less common RDBs	Extensive support, including NoSQL and cloud databases
➔ APIs & integration	Standardized APIs for integration and automation	Limited; primarily manual use	Focus on database access; limited process integration
➔ UI/UX for operating departments	High usability of the user interface, optimized for table maintenance without database knowledge	Technically oriented interface (SQL, table structures)	Improved UI (e.g., Visual Query Builder), but still technically oriented
➔ Business operation	On-premises and cloud-ready, operated centrally	Desktop tool, installed locally	Desktop tool with advanced enterprise features
➔ Support & maintenance	Manufacturer support and regular updates	Community support	Manufacturer support and regular updates
➔ Flexibility	Highly configurable for business processes, extensible via APIs	Advanced for technical users (SQL, scripting)	Very high for developers (SQL, scripts, automation)