SharePoint vs Azure Blob Storage

A Practical Comparison for Data Management in Microsoft365

Feature / Aspect	SharePoint	Azure Blob Storage
Purpose	Designed for sharing company data and collaboration within Microsoft 365	Designed for flexible data storage for enterprise applications & network drives.
Best For	About 90% of businesses — especially those with typical document collaboration needs	Businesses dealing with large files, complex folder structures, lots of data and have Custom Developers on staff.
File Type Suitability	Not ideal for large files (like CAD drawings)	Handles large files and traditional file structures better
Security	SharePoint Heirarchy	Azure RBAC
Access Method	Web-based; relies on synchronization (OneDrive sync client)	Appears as a mapped network drive on a computer; no sync required
Dataverse Integration	Natively supported by Dataverse.	Requires custom setup such as Iona's PCF control.
Storage Types	No Cold Storage or Archive Option but since free, doesn't matter.	Offers cheaper pricing tiers for Cold and Archival Storage
Performance	Can struggle with large files, >100K records or deep folder structures	Faster and more stable for large files.
Pricing Model	FREE! Included in Microsoft 365 licensing	Pay-as-you-go pricing; user can choose storage tier (hot/cool) and redundancy (LRS/ZRS/GRS/GZRS)
Redundancy Options	Not Covered	Several redundancy choices — LRS, ZRS, GRS, GZRS — impacting price and resilience
Backup	Not covered	Has snapshot / backup options configurable within Azure; can retain weekly or monthly backups (extra cost)
Overall Verdict	Excellent for collaboration and cloud workflows, but limited for high data counts & large file operations	A strong alternative when SharePoint's synchronization and performance cause issues