

Data Centers ***VS.*** ***Hyperscale Data Centers***

- Smaller, often serving a single organization with a few hundred to a few thousand servers
 - Can be onsite or at a dedicated off-site location
 - Owned & Operated by a single organization & managed by internal IT staff
 - Supports internal IT infrastructures, focusing on specific business needs and compliance requirements
 - Less automated with more tasks handled by staff
 - May rely on traditional infrastructure
- Significantly larger, housing at least 5,000 servers & occupying over 10,000 square ft
 - Designed to handle massive workloads
 - Owned by large tech companies (ex. Google, Amazon)
 - Managed by specialized IT teams
 - Often operate as multi-tenant facilities, providing services to various clients.
 - Built for cloud computing, big data, & AI applications
 - High throughput and low latency design - to handle vast amounts of input across networks
 - Heavily automated using AI & machine learning tools