Types of Data Centers

Enterprise data centers
- Typically for storage and processing of one organization's data

Colocation data centers
- 3rd party operations leasing data center space to client(s)

Hyperscale Data Centers
- One large building with lots of computing power
- This is where lots of demand for data centers is right now
- AWS, Meta, Google, Microsoft, Apple, Oracle, etc

Modular
- Module or shipping container, typically
- Often a non-permanent solution to needed computing power during construction/in disaster

Edge
- Smaller scale, enables computing to occur closer to actual data, located near people who need to access said data quickly

Urban Land Institute – Local Guidelines for Data Center Development
Cisco