**Snowflake Editions:**

Snowflake offers different editions with increasing features, mainly around security, data retention, and governance.

**1. Standard Edition**

* Base edition (entry-level).
* Key Features:
  + Core Snowflake functionality (compute, storage, semi-structured data).
  + Basic security (encryption in transit and at rest).
  + Time Travel: 1 day.
* Best for: Small teams, development, and basic analytics.

**2. Enterprise Edition (EE)**

* Adds features for larger organizations.
* Key Features:
  + Everything in Standard.
  + Time Travel: up to 90 days.
  + Multi-cluster warehouses (for concurrency).
  + Materialized Views.
* Best for: Production workloads with higher performance needs.

**3. Business Critical Edition (BCE)**

* Focused on sensitive data and compliance.
* Key Features:
  + Everything in Enterprise.
  + Enhanced Security (Tri-Secret Secure, HIPAA, PCI DSS).
  + Support for PHI/PII workloads.
  + Stronger data governance.
* Best for: Banks, healthcare, finance, and regulated industries.

**4. Virtual Private Snowflake (VPS)**

* Highest level, for large enterprises with extreme compliance/security needs.
* Key Features:
  + A dedicated Snowflake deployment (not shared cloud services).
  + Extra control and isolation.
  + For organizations requiring FedRAMP, ITAR, or national government-level compliance.
* Best for: Governments, defense, and very large enterprises.