Dynamo DB

It is a fully Managed Fast & Flexible NoSQL Database Service provided by Amazon Web Services.
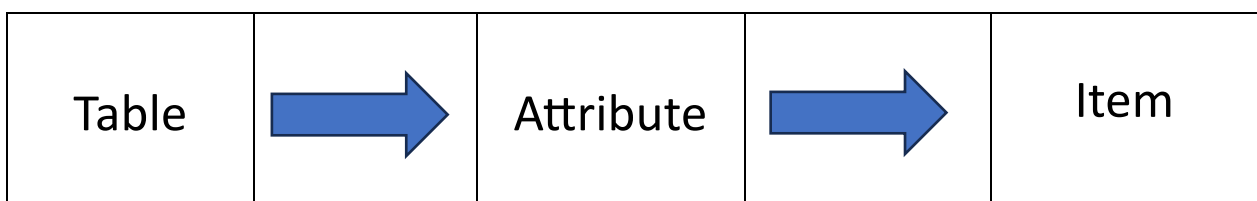
- Fully managed NoSQL DB suitable for document & key-value store models.
- Perfect for mobile, web, gaming etc.

Features :

- On – Demand capacity mode.
- Built - in support for ACID (Atomicity, Consistency, Isolation, Durability) transaction.
- On - Demand Backup.
- Point - in - time recovery.
- Encryption at rest.

Advantages :

- Always stored on SSD.
- High availability built – in.
- Fast & Flexible.
- Suitable for read heavy applications.

❖ No Schema Required.
❖ Scales well with traffic.
❖ Easy to Use.

Table	➡	Attribute	➡	Item

Dynamo DB over Local NoSQL :

- Scalability Issues
- Customizable
- Data Types
- Stable Performance

o **Attribute :** An attribute is a single field that is attached to an item.

o **Item :** Set of Attribute values in Data.

o **Table :** A table can be visualized as a group of Items.

o **Primary key :** Unique key for a table.

o **Secondary Key :** Connection (Bridge) over 2 tables.