**Three Level Architecture of Database**

View Level

Schema Level

Physical Storage Level

1. **Internal level**- The internal level involves the physical storage of data on storage devices.
2. **Logical level** - The logical layer involves the schema design for database implementation.
3. **View level**- The view level involves the applications required to access the database.

View Level

Logical Level

Internal Level

<https://www.visual-paradigm.com/guide/data-modeling/what-is-entity-relationship-diagram/>

link to read Three level architecture

**Data Modals**

There are different types of data models: Entity-Relation or E-R model, relational model, network model, hierarchical model and dimensional model. All of these models represent data in different schemas. In this module, you will learn about E-R models and relational models.

In a relational data model, all data elements are related to each other. E-R model stores information about real-life objects in entities and attributes. The entities are related to each other in some way or the other. Hence, you can build a relational model upon an E-R model. Every entity is a table and every attribute is a column in a relational model. You can implement the relations in an E-R model using the foreign keys in a relational model.

[**https://opentextbc.ca/dbdesign01/chapter/chapter-5-data-modelling/**](https://opentextbc.ca/dbdesign01/chapter/chapter-5-data-modelling/)

**Link for more reading**