

**Model.5 Entity Relationship(ER) Diagram of a Normalized Data Table**[<bh.github>](https://github.com/bh.github)[<wikipedia>](https://en.wikipedia.org/wiki/Entity%E2%80%93relationship_model)

History: [Chen, E-R model](#)

Purpose: describes the inter-relationships of things and items of interest in a specific domain of knowledge. Developed by Peter Chen at MIT, the diagrams facilitate the designs of systems, such as databases advancing from

- conceptual data model to
- logical data model to
- physical data model

The example on the right is a hybrid not showing the main entity, a person and their horse, at a horseshow event.

Lines express [cardinality](#).

[Chen, P. P. S. \(1976\). The entity-relationship model—toward a unified view of data.](#)

