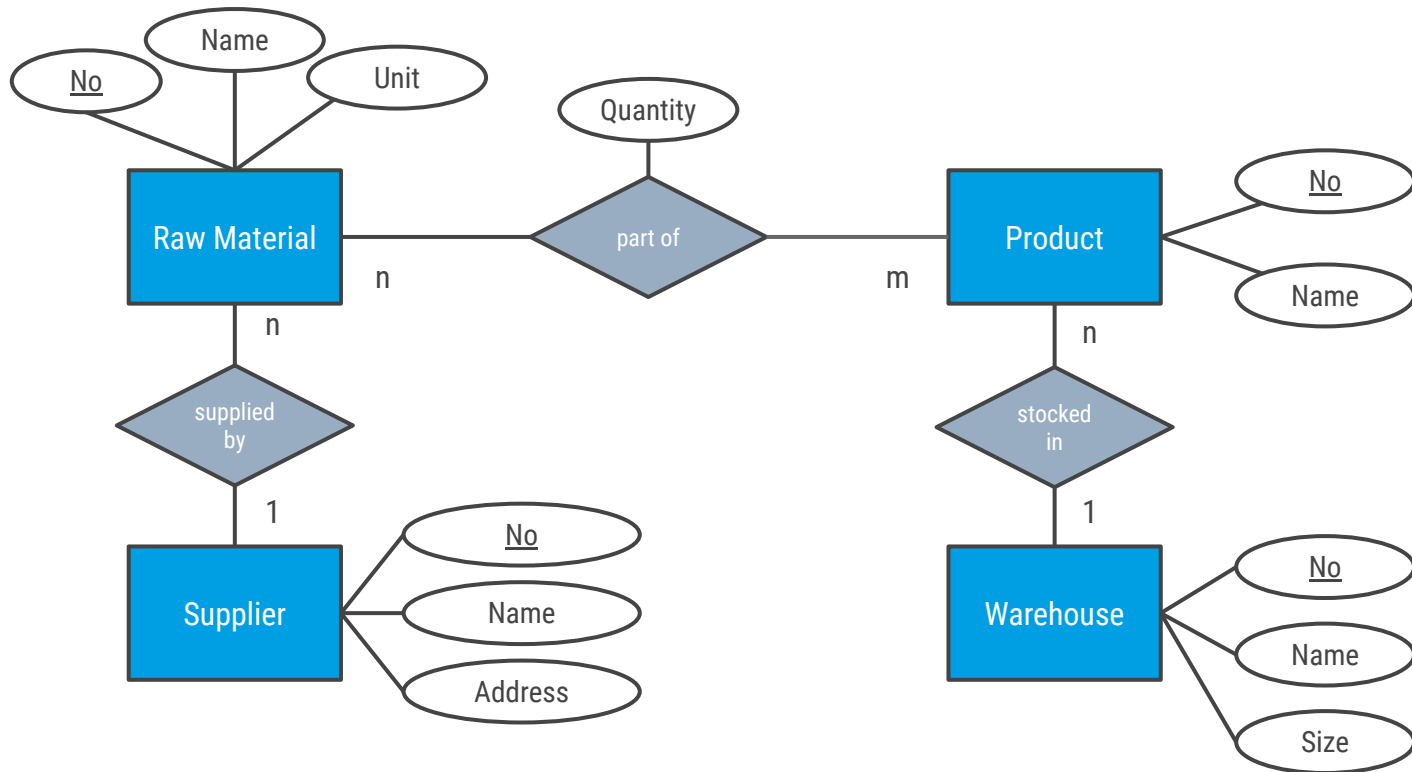
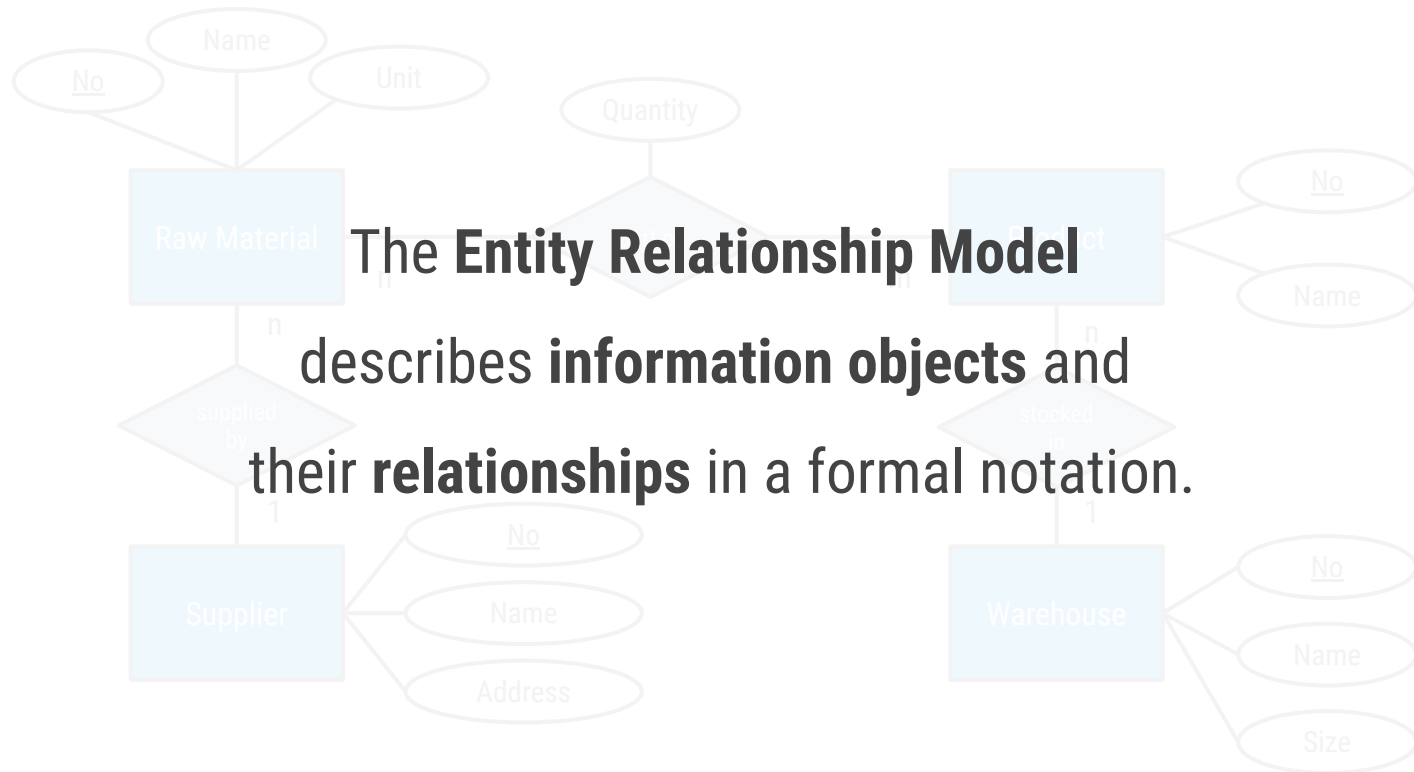




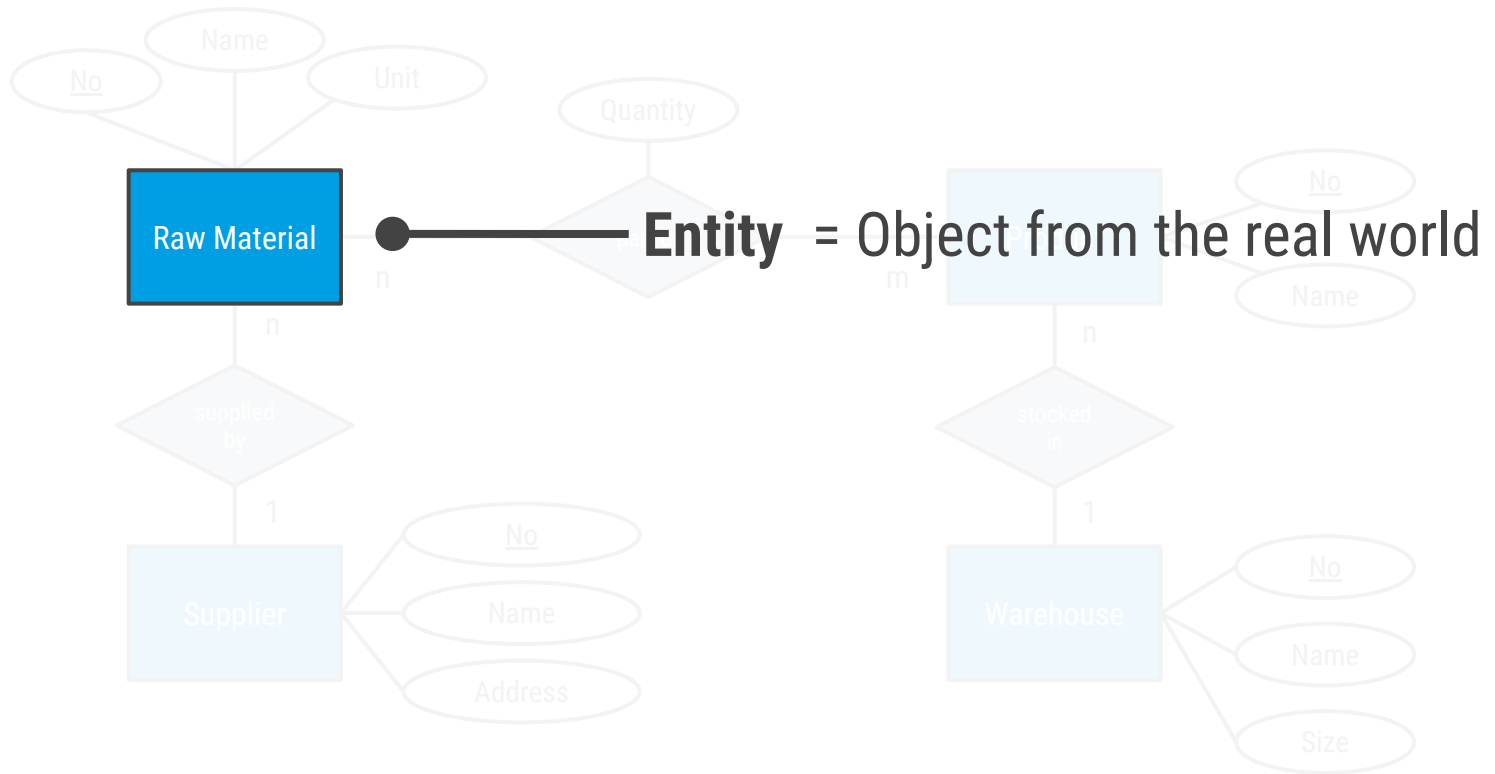
# **INFORMATION MANAGEMENT**

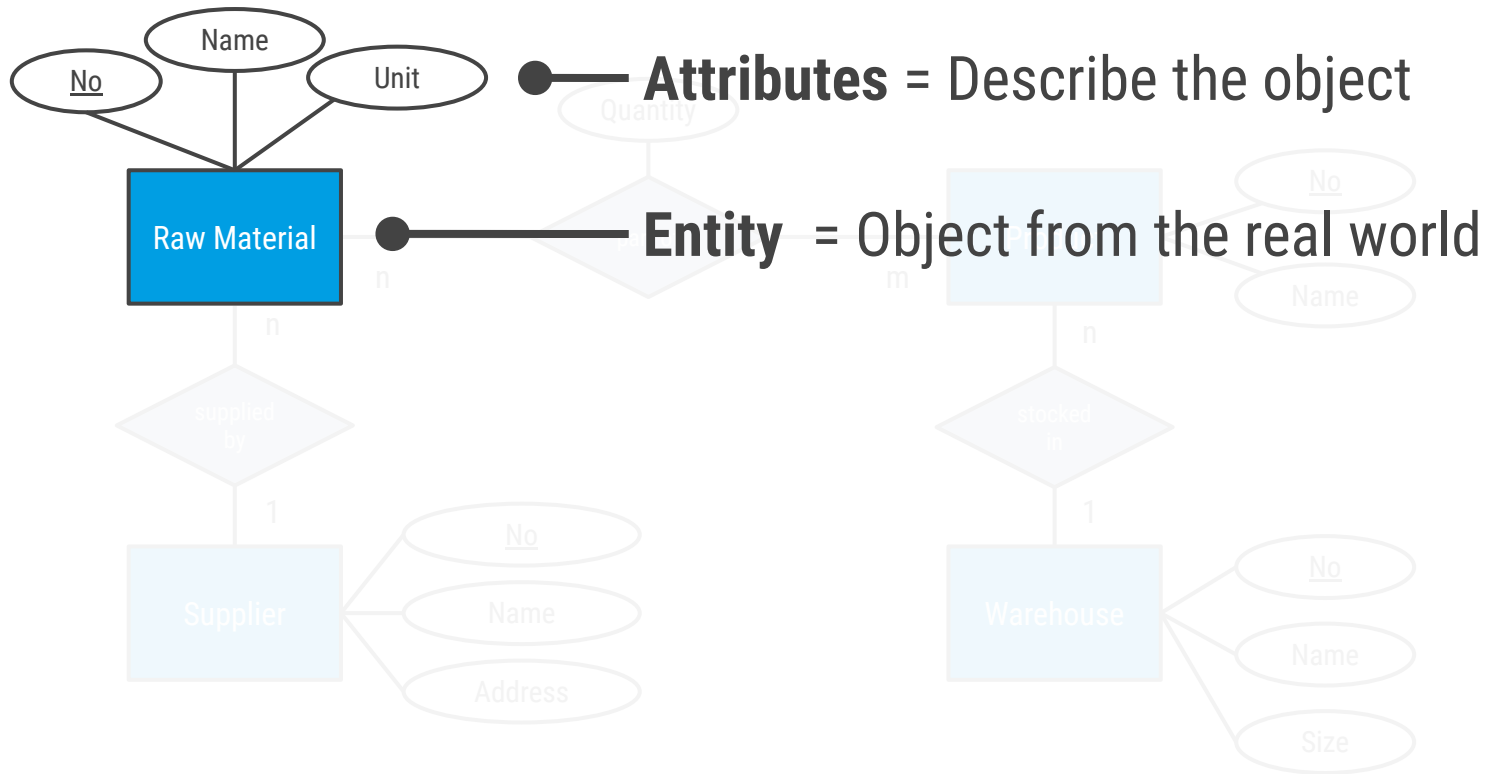
ENTITY RELATIONSHIP MODEL

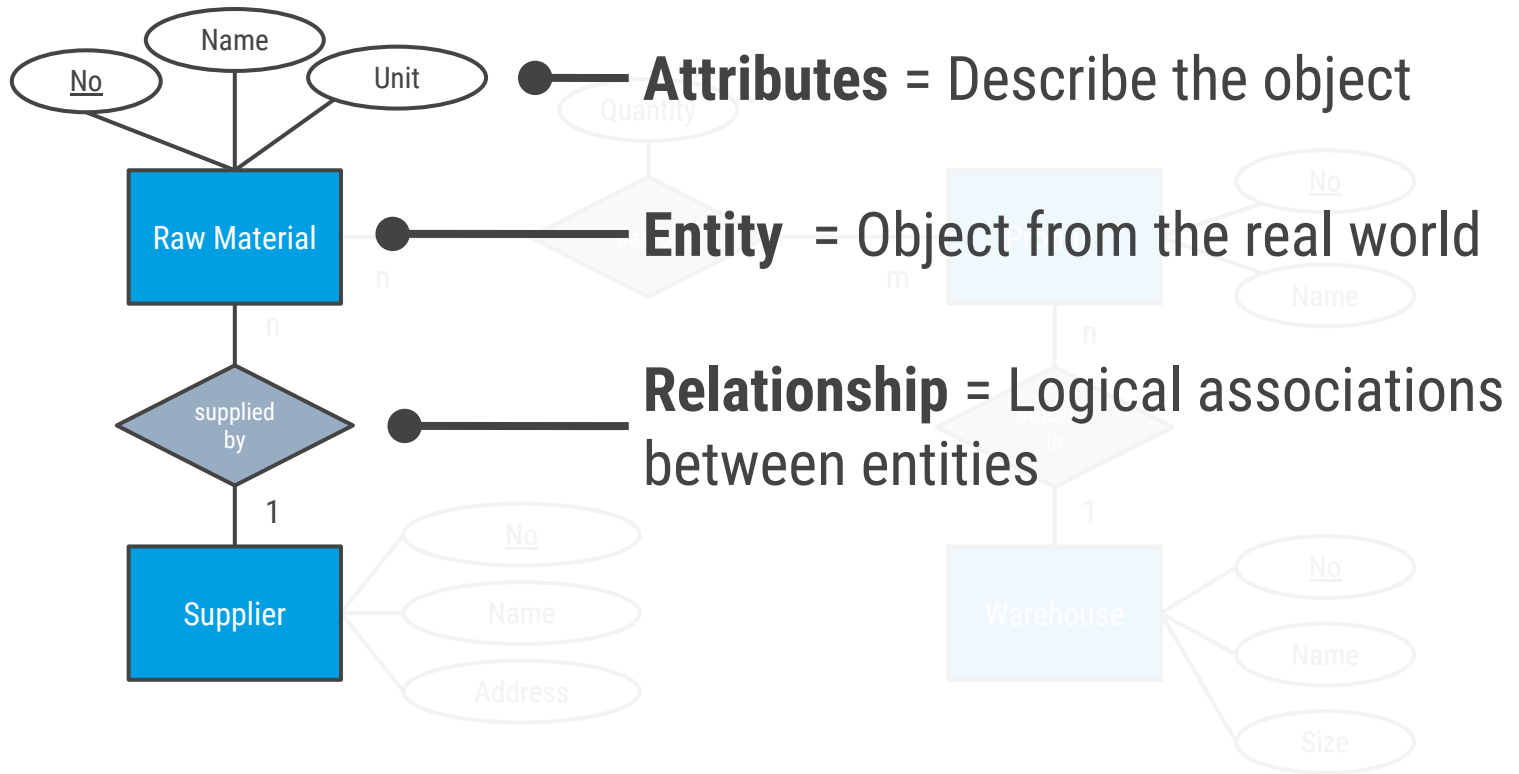


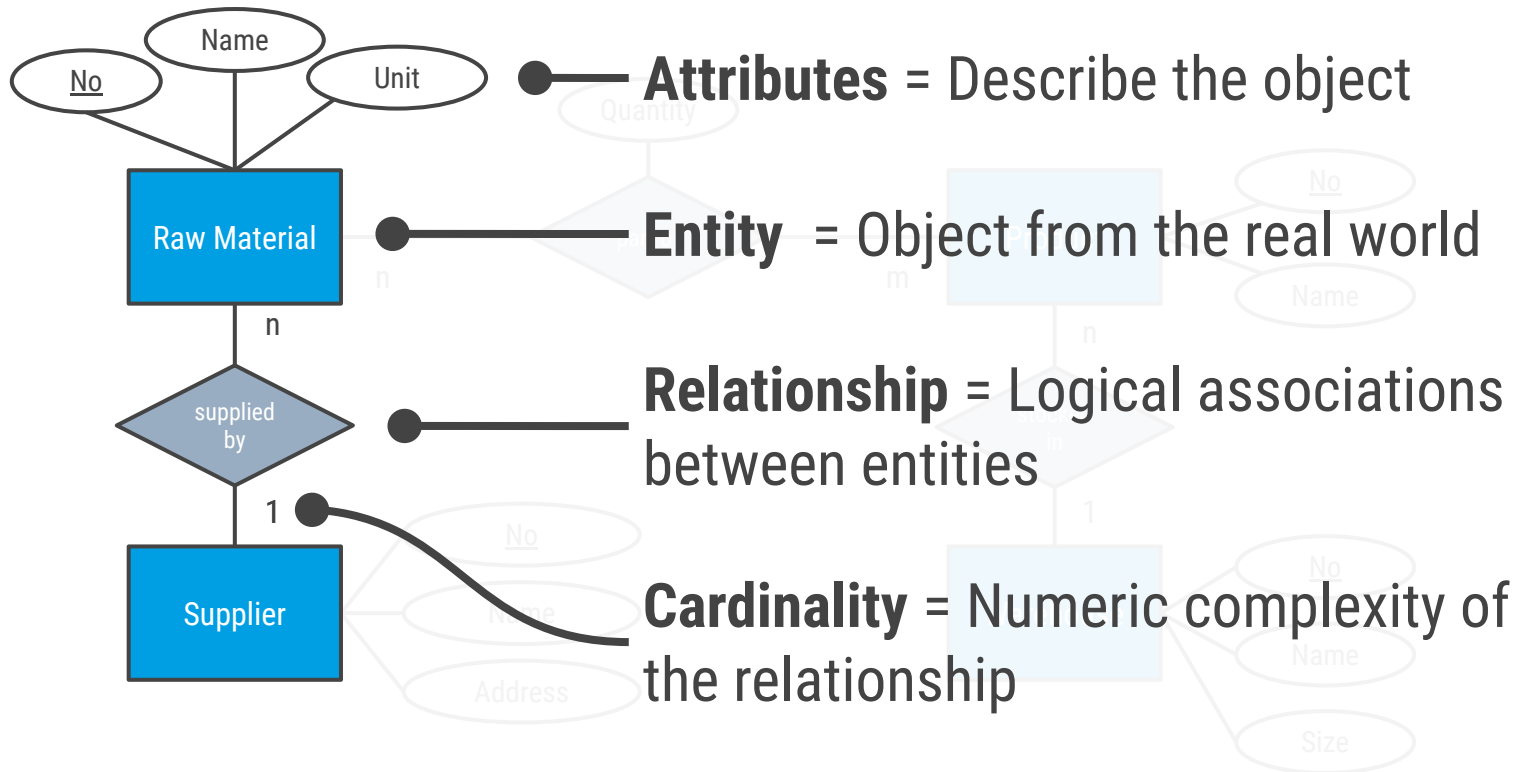


**The Entity Relationship Model**  
describes **information objects** and  
their **relationships** in a formal notation.

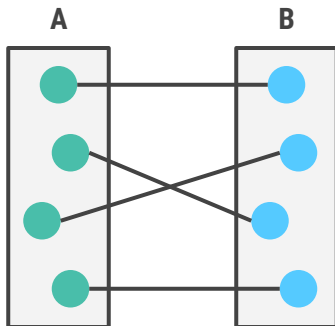






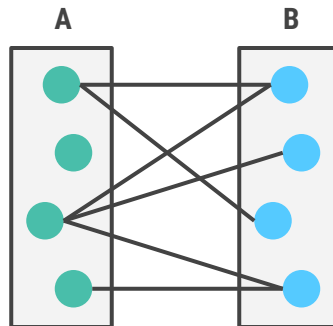


**1 : 1**



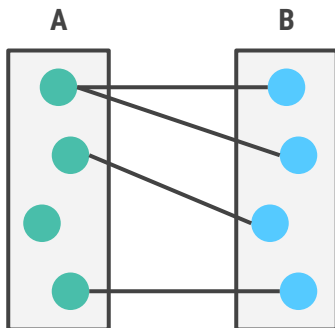
Every entity of type A can be in a relationship with exactly one entity of type B, and vice versa.

**n : m**



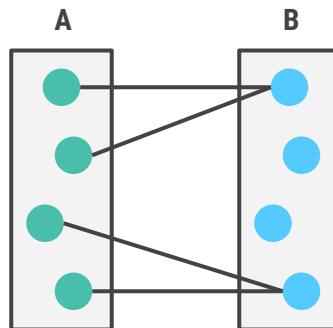
Every entity of type A can be in a relationship with none, one, or more entities of type B and, vice versa.

**1 : n**



Every entity of type A can be in a relationship with none, one, or more entities of type B.

**n : 1**



Every entity of type B can be in a relationship with none, one, or more entities of type A.