**sales**

transaction\_id

timestamp

product\_id

category

customer\_type

unit\_price

quantity

total

payment\_type

**sensor\_storage\_temperature**

id

timestamp

temperature

**sensor\_stock\_levels**

id

timestamp

product\_id

estimated\_stock\_pct

This data model diagram ( ER Diagram ) describes:

* Three Entities:
  + **Sales** :
    - The data presented in this entity is about sales
    - In this entity contains 9 attributes, transaction\_id is the primary key
  + **Sensor\_storage\_temperature** :
    - IoT data from the temperature sensors in the storage facility for the products.
    - This entity contains 3 attributes, id is the primary key
  + **Sensor\_stock\_levels :** 
    - Estimated stock levels of products based on IoT sensors
    - This entity contains 4 attributes and id is the primary key
* Relations between entites
  + These are shown by the arrows. Make note of the attribute that connect the start and end of the arrows, this indicates how you can merge the entities using these linked columns.