

Data modeling

All the data that is now available
from the client is ready for the
modeling of the problem statement

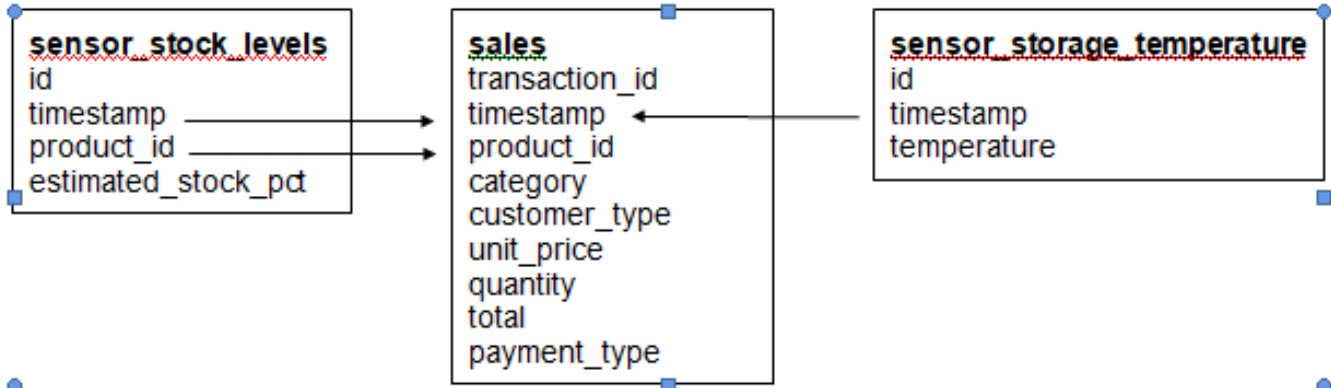


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- This data model diagram shows:
- ● 3 tables:
 - sales = sales data
 - sensor_storage_temperature = IoT data from the temperature sensors in the storage facility for the products
 - sensor_stock_levels = estimated stock levels of products based on IoT sensors
- ● Relations between tables
 - These are shown by the arrows. Make note of the columns that connect the start and end of the arrows, this indicates how you can merge the tables using these linked columns.



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transac tion_id	product _id	categor y	custom er_type	unit_pri ce	quantit y	total	payme nt_type
a1c82654	3bc6c1ea	fruit	gold	0.19	2	4	e-wallet
157ceb d9	157ceb d9	fruit	gold	gold	4	0.76	e-wallet
a016533b	527ceb d5	fruit	gold	gold	2	5	e-wallet
103e9577	a016533b	fruit	gold	gold	3	5.78	e-wallet
c6ad90d1		fruit	gold	gold	1	0.38	cash
1e17a472		fruit	gold	gold	2	7.98	e-wallet
0fdb1ce3		fruit	gold	gold	4	7.42	e-wallet



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