

Product
<u>PID</u>
Description
Color
weight
Length
...

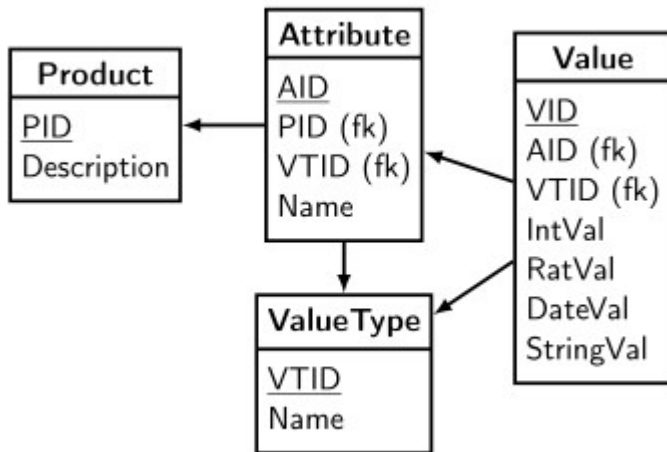
PID	Descr	Size	Color	...	RPM	...	Weight
1	Alpine Boot	43	brown	...			
12	Washing Machine				750		
113	Chair						2.3

Product

PID	Descr
1	Alpine Boot
12	Washing Machine
113	Chair

Attribute

AID	PID	VTID	Name
1	1	1	Size
2	1	2	Color
97	12	1	RPM
1123	113	3	Weight



ValueType

VTID	Name
1	Integer
2	Varchar
3	Decimal
4	Date

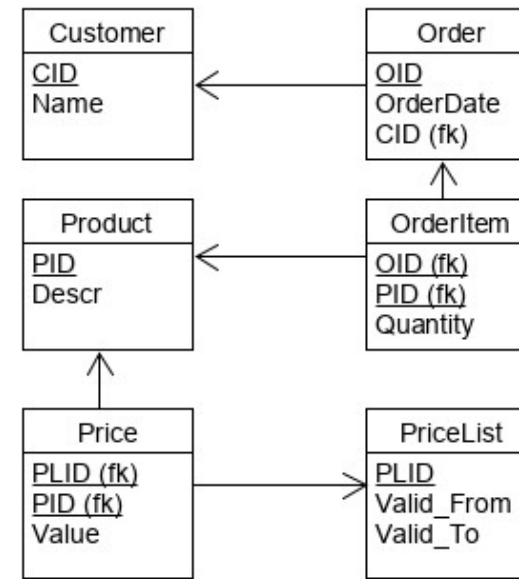
Value

VID	AID	VTID	IntVal	RatVal	DateVal	StringVal
1	1	1	43			
2	2	2				Brown
3	1123	3		2.3		

	A	B	C	D	E	F	G	H	I
1	OrderNo	OrderDate	CustomerNo	CustomerName	Product	Quantity	UnitPrice	Price	Total
2	1	May 1, 2018	1	Miller	Pen	3	\$2.30	\$6.90	
3					Rubber	1	\$1.50	\$1,50	
4					Marker	1	\$2.70	\$2.70	\$10.90
5	2	May 10, 2018	2	Brown	Envelope	20	\$0.10	\$2.00	
6					Scissor	1	\$4.50	\$4.50	
7					Marker	1	\$2.70	\$2.70	\$9.20
8	3	June 1, 2018	1	Miller	Pencil	2	\$3.90	\$7.80	\$7.80
9	4	July 21, 2018	3	Johnson	Index Cards	3	\$2.80	\$8.40	
10					Rubber	1	\$1.50	\$1.50	
11					Marker	1	\$2.80	\$2.80	
12					Labels	100	\$0.20	\$20.00	
13					Sticky Notes	50	\$0.10	\$5.00	\$37.70
14	5	July 21, 2018	4	Williams	Scissor	1	\$4.70	\$4.70	\$4.70
15									
16									
17									
18									
19	New Prices	June1, 2018							
20	Scissor	\$4.70							
21	Marker	\$2.80							

Order Relational

	A	B	C	D	E	F	G	H	I
OrderNo	OrderDate	CustomerNo	CustomerName	Product	Quantity	UnitPrice	Price	Total	
1	May 1, 2018	1	Miller	Pen	3	\$2.30	\$6.90		
				Rubber	1	\$1.50	\$1.50		
				Marker	1	\$2.70	\$2.70	\$10.90	
2	May 10, 2018	2	Brown	Envelope	20	\$0.10	\$2.00		
				Scissor	1	\$4.50	\$4.50		
				Marker	1	\$2.70	\$2.70	\$9.20	
3	June 1, 2018	1	Miller	Pencil	2	\$3.90	\$7.80	\$7.80	
4	July 21, 2018	3	Johnson	Index Cards	3	\$2.80	\$8.40		
				Rubber	1	\$1.50	\$1.50		
				Marker	1	\$2.80	\$2.80		
				Labels	100	\$0.20	\$20.00		
				Sticky Notes	50	\$0.10	\$5.00	\$37.70	
5	July 21, 2018	4	Williams	Scissor	1	\$4.70	\$4.70	\$4.70	
New Prices June 1, 2018									
Scissor	\$4.70								
Marker	\$2.80								



OrderItem

Lets fill tables with data

Customer

1	Miller
2	Brown
3	Johnson
4	Williams

Order

1	May 1, 20218	1
2	May 10, 2018	2

Price

1	1	2.30
1	5	4.50
2	1	2.30
2	5	4.70

PriceList

1	Jan 1, 2000	May 31, 2018
2	June 1, 2018	Dec 31, 2099

1	1	3
1	2	1
1	3	1
2	4	20
2	5	1
2	3	1

Product

1	Pen
2	Rubber
3	Marker
4	Envelope
5	Sissor