Justin Bradshaw
Melanie Pena
Austin Coelho

Relational Data Models

Primary keys are in red, foreign keys are in blue

CREATE TABLE products (

name varchar(200) PRIMARY KEY,

availableUnits int,

price float,

barcode int,

providerInfo varchar(1000),

providerName varchar(200)

);

products

name varchar(200)	availableUnits int	price float	barcode int	providerInfo varchar(1000)	providerName varchar(200)
Apple	50	0.99	1568494530	568 S 400 W Atlanta, Georgia 48934 895-594-8745	Johnny Appleseed
Banana	74	0.58	1578965445	896 W 500 N Tallahassee, Florida 45897 458-521-845...	Dole Johnson

CREATE TABLE customers (

customerID int PRIMARY KEY,

name varchar(200),

address varchar(500)

);

customers

customerID int	name varchar(200)	address varchar(500)
0	William Banks	896 W 500 N Tallahassee, Florida 45897 458-521-845...
1	Mason Jones	584 Center St. San Francisco, CA 65860

CREATE TABLE orders (

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orderID int PRIMARY KEY,

customerID int,

paymentType varchar(50),

totalCost double,

deliveryMethod varchar(50)

orderInfo varchar(400)

);

orders

orderID int	customerID int	paymentType varchar(50)	totalCost double	deliveryMethod varchar(50)	orderInfo varchar(400)
0	0	Cash	12.83	Pick Up	Apple^0.99^4|Coca-Cola^0.75^2|Bread^2.5^1|Potatoes^0.69^6
1	1	Check	11.86	Pick Up	Tuna^0.99^6|Coca-Cola^0.75^2|Carrots^1.25^3

CREATE TABLE employees (

id int PRIMARY KEY,

name varchar(30),

password varchar(30),

accessRights smallint,

image varchar(200)

);

employees

id int	name varchar(30)	password varchar(30)	accessRights smallint(6)	Image varchar(200)
0	Ignacio S	spicyTortillas	1	data/black_curly_hair_man.jpg
1	Andrew F	blueMonkey45	2	data/handsome_guy.jpg

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name

name

name

name

name

name

name

name

name

name

name

product

contains

order

processes

name

name

name

employee

makes

customer

name

name

name

name

name

name

name

name

name

name