

Customer				
Key Type	Optionality	Column Name	Data type	Length
PK	*	Customer_id	NUMERIC	2,0
	*	First_name	VARCHAR	255
	*	Last_name	VARCHAR	255
	*	Address	VARCHAR	255
UK	o	Email	VARCHAR	255

Supplier				
Key types	Optionality	Column Name	Data type	Length
PK	*	Supplier_id	NUMERIC	2,0
	*	First_name	VARCHAR	255
	*	Last_name	VARCHAR	255
UK	*	Email	VARCHAR	255

Employee				
Key types	Optionality	Column Name	Data type	Length
PK	*	Employee_id	NUMERIC	2,0
	*	First_name	VARCHAR	255
	*	Last_name	VARCHAR	255
UK	o	Email	VARCHAR	255
UK	*	Sin_no	VARCHAR	12
UK	*	Phone_no	VARCHAR	15
	*	Salary	DECIMAL	10,2

Product				
Key types	Optionality	Column Name	Data type	Length
PK	*	Product_id	NUMERIC	4,0
	*	P_name	VARCHAR	255
	*	P_description	VARCHAR	255
	o	Price	DECIMAL	10,2

Store				
Key types	Optionality	Column Name	Data type	Length
PK	*	Store_id	NUMERIC	3,0
	*	Store_name	VARCHAR	255
	*	Store_address	VARCHAR	255
	*	Store_location	VARCHAR	255

Store_product				
Key types	Optionality	Column Name	Data type	Length
PK, FK	*	Store_id	NUMERIC	3,0
PK, FK	*	Product_id	NUMERIC	4,0
	*	Product_quantity	DECIMAL	5,0

Orders				
Key types	Optionality	Column Name	Data type	Length
PK	*	Order_id	NUMERIC	4,0
	*	Quantity_order	NUMERIC	5,0
	o	Order_date	DATE	
FK	*	Store_id	NUMERIC	3,0

Supplier_store				
Key types	Optionality	Column Name	Data type	Length
PK, FK	*	Store_id	NUMERIC	3,0
PK, FK	*	Supplier_id	NUMERIC	2,0
	*	Supply_date	DATE	
	*	Quantity_supplied	NUMERIC	5,0

Store_employee				
Key types	Optionality	Column Name	Data type	Length
PK, FK	*	Store_id	NUMERIC	3,0
PK, FK	*	Employee_id	NUMERIC	2,0
	*	Work_hours	NUMERIC	2,0
	*	Wage_rate	DECIMAL	12,2

Item				
Key types	Optionality	Column Name	Data type	Length
PK, FK	*	Customer_id	NUMERIC	2,0
PK, FK	*	Product_id	NUMERIC	4,0
	o	Price	DECIMAL	10,2
	o	discount	DECIMAL	5,2

Order_item				
Key types	Optionality	Column Name	Data type	Length
PK, FK	*	Product_id	NUMERIC	4,0
PK, FK	*	Order_id	NUMERIC	4,0
	*	Quantity	NUMERIC	5,0

Payment				
Key types	Optionality	Column Name	Data type	Length
PK	*	Payment_id	NUMERIC	5,0
	o	Payment_date	DATE	
	o	Payment_method	VARCHAR	50
FK1	*	Customer_id	NUMERIC	2,0
FK2	*	Product_id	NUMERIC	4,0