

테이블 정의서

Customer Rating

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Customer_rating_number	NUMBER	PK	NN				고객등급번호
Customer_rating_type	VARCHAR2(10)					SILVER	고객등급종류

Credit Ratings

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Credit_rating_number	NUMBER	PK	NN				신용등급번호
Credit_rating_type	VARCHAR2(10)					GOOD	신용등급종류

How to order

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Order_method_number	NUMBER	PK	NN				주문방법번호
Order_method_type	VARCHAR2(10)					FAX	주문방법종류

Departments

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Department_number	Number	PK	NN				부서번호
Department_name	Varchar2(20)		NN				부서명

Transaction Types

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Transaction_type_number	Number	PK	NN				거래종류 번호
Transaction_type_type	Varchar2(20)		NN				거래종류타입

Production_lines

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Production_line_number	Number	PK	NN				주문항목번호

Payments

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Payment_number	Number	PK	NN				결제내역 번호
Transaction_type_number	Number	FK	NN				거래종류 번호

Regions

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Region_number	Number	PK	NN				지역번호
Region_name	Varchar2(20)		NN				지역명

Countries

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Country_number	Number	PK	NN				국가번호
Country_name	Varchar2(20)		NN				국가명
Region_number	Number	FK	NN				지역번호

Locations

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Location_number	Number	PK	NN				위치번호
Location_name	Varchar2(20)		NN				도시명
State_name	Varchar2(20)		NN				주명
Country_number	Number	FK	NN				국가번호

Customers

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Customer_number	NUMBER(5)	PK	NN				고객번호
Customer_name	VARCHAR2(20)						고객이름
Phone_number	VARCHAR2(20)						전화번호
Address	VARCHAR2(100)						주소
Zip_code	VARCHAR2(10)						우편번호
Sales_representative	VARCHAR2(20)						담당영업사원
Credit_rating_number	NUMBER	FK		Credit Ratings	Credit_rating_number		신용등급 번호
Customer_Location_number	NUMBER	FK		Locations	Location_number		위치번호
Customer_rating_number	NUMBER	FK		Customer Ratings	Customer_rating_number		고객등급 번호
Remarks	VARCHAR2(100)						비고

Orders

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Order_Number	NUMBER	PK	NN				주문 번호
Customer_name	VARCHAR2(20)						고객명
Shipment_whether	CHAR(2)					N	선적여부
Order_date	DATE						주문 날짜
Shipment_date	DATE						선적 날짜
Payment_way	NUMBER						지불방법
Sales_representative	VARCHAR2(20)						담당영업사원
Customer_number	NUMBER	FK		Customers	Customer_number		고객번호
Order_method_number	NUMBER	FK		How to order	Order_method_number		주문방법번호

Order Items

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Order_item_number	NUMBER	PK	NN				주문항목번호
Item_number	NUMBER		NN				제품번호
Shipping_quantity	NUMBER		NN				선적수량
Item_price	NUMBER		NN				제품단가
Order_quantity	NUMBER		NN				주문수량
Item_name	VARCHAR2(40)		NN				제품명
Order_Number	Number	FK	NN	Orders	Order_number		주문번호

Ordered Items

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Order_item_number	Number	PK	NN				주문항목번호
Item_number	Number	PK	NN				제품번호

Items

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Item_number	Number	PK	NN				제품번호
Item_name	Varchar2(20)						제품명
Long_description	Varchar2(200)					NONE	긴설명
Short_description	Varchar2(100)					NONE	요약된설명
Sales_unit	Number					1000	판매단위
Proposed_price	Number					NONE	제안된가격
Picture	Varchar2(200)					NONE	사진
Maximum_inventory	Number		NN				최대재고량

Stocks

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Stock_number	Number	PK	NN				재고번호
Item_number	Number	FK	NN	Items	Item_number		제품번호
Warehouse_management_number	Number	FK	NN	Warehouse Managements	Warehouse_management_number		창고관리번호

Warehouse Managements

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Warehouse_management_number	Number	PK	NN				창고관리번호
Warehouse_management_address	Varchar2(100)		NN				창고 주소
Warehouse_management_zip_code	Varchar2(10)		NN				우편번호
Warehouse_management_location_number	Number	FK	NN				창고 위치번호
Warehouse_management_phone_number	Varchar2(20)		NN				창고전화번호
Warehouse_management_name	Varchar2(20)		NN				창고명
Warehouse_manager	Varchar2(20)	FK	NN				창고담당관리사원

Employees

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Employee_number	Number	PK	NN				직원번호
Last_name	Varchar2(20)						직원성
First_name	Varchar2(20)						직원이름
Employee_ID	Varchar2(20)						직원ID
Employee_Position	Varchar2(20)						직원위치
Hire_date	Date						입사날짜
Commission_rate	Number					10	커미션
Salary	Number						급여
Personnel_evaluation	Varchar2(200)						인사평가
Department_number	Number	FK	NN	Departments	Department_number		부서번호

Warehouses

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Warehouse_number	Number	PK	NN				창고번호
Stock_quantity	Number					0	재고량
Warehouse_management_number	Number	FK	NN				창고관리번호
Item_number	Number	FK	NN	Items	Item_number		제품번호

Purchases

Column Name	Data Type	Constraint	Nulls	FK Table	FK Column	Default	Column Desc
Purchase_number	Number	PK	NN				구매번호
Purchase_reason	Varchar2(200)		NN			OUTOFSTOCK	구매사유
Purchase_date	Date						구매날짜
Purchase_quantity	Varchar2(200)		NN				구매수량
Item_number	Number	FK	NN	Items	Item_number		제품번호
Warehouse_number	Number	FK	NN	Warehouses	Warehouse_number		창고번호
Production_line_number	Number	FK	NN	Production_line	Production_line_number		생성라인번호