

Orders Database Schema

- ◆ Customer (CustNo, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
- Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbl (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

Keith Tang

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Orders Database Schema

Customer (CustWo, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZitp, CustBal)

Employee (EmpNo, EmpFirstName, EmpLastName, EmpFnone, EmpEmail, SupEmpNo, EmpCommRate)

Product (ProdNo, ProdName, ProdMid, ProdDrice, ProdPrice, ProdNextShpOate)

OrderTbl (OrdRo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)

OrdProd (OrdNo, ProdNo, Oly)

- * For all the products sold by the company, how many items are there, and how many are NOT ordered by 'BC' customers?
- How many 'BC' customers had ordered 'Color Monitor' and 'Ink Jet' printers, but not any 'Laser' printers?
- Of all the orders by 'BC' customers, how many are handled by an employee and how many are internet orders by customers?
- What is the average number of different products per order for all 'BC' customer orders?
- What is the most popular product for 'BC' customer?

Keith Tang

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Examples

- For all the products sold by the company, how many items are there, and how many are NOT ordered by 'BC' customers?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
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- ProdNextShipDate)
- OrderTbl (OrdNo. OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

Examples

- ♦ How many 'BC' customers had ordered 'Color Monitor' and 'Ink Jet' printers, but not any 'Laser' printers?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
- Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbi (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

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Examples

- ♦Of all the orders by 'BC' customers, how many are handled by an employee and how many are internet orders by customers?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
 Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbl (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

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Examples

- ♦What is the average number of different products per order for all 'BC' customer orders?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
- Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbi (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

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Examples

- ♦What is the average number of product item quantity per order for all 'BC' customer orders?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
- Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbl (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

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Examples

- ♦What is the most popular product for 'BC' customer?
- Customer (<u>CustNo</u>, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal)
- Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate)
 Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
- OrderTbl (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip)
- OrdProd (OrdNo, ProdNo, Oty)

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Examples Which products are ordered by all 'BC' customer? Customer (CustNo, CustFirstName, CustLastName, CustStreet, CustCity, CustState, CustZip, CustBal) Employee (EmpNo, EmpFirstName, EmpLastName, EmpPhone, EmpEmail, SupEmpNo, EmpCommRate) Product (ProdNo, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate) OrderTbl (OrdNo, OrdDate, CustNo, EmpNo, ShpName, ShpStreet, ShpCity, ShpState, ShpZip) OrdProd (OrdNo, ProdNo, Oty)

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