* 公司销售的大部分产品由哪些供应商供应？

SELECT s.CompanyName,sum(od.Quantity) total

FROM Suppliers s

JOIN Products p

ON p.SupplierID = s.SupplierID

JOIN OrderDetails od

ON od.ProductID = p.ProductID

GROUP BY 1

ORDER BY 2 DESC

* 销量高的产品主要分布在哪些地区？

SELECT c.Country,p.ProductName,SUM(od.Quantity) Quantity

FROM Customers c

JOIN Orders o

on c.CustomerID = o.CustomerID

JOIN OrderDetails od

on od.OrderId = o.OrderId

JOIN Products p

on p.ProductID = od.ProductID

GROUP BY 1,2

ORDER BY 3 DESC

LIMIT 10

* 哪些产品的销售额在增长？

SELECT CategoryName,sum(amout) total\_amout,ord\_date

FROM(SELECT c.CategoryName CategoryName,(od.UnitPrice\*od.Quantity)\*(1-od.Discount) amout,STRFTIME('%Y', o.OrderDate) ord\_date

FROM OrderDetails od

JOIN Products p

ON p.ProductID = od.ProductID

JOIN Orders o

ON o.OrderId = od.OrderId

JOIN Categories c

ON p.CategoryID = c.CategoryID) sub

GROUP BY 1,3

ORDER BY 2 DESC

* 每个月销量最好的产品是什么？

SELECT c.CategoryName CategoryName,sum(od.Quantity) ord\_total,strftime('%m',o.OrderDate) ord\_date

FROM OrderDetails od

JOIN Products p

ON p.ProductID = od.ProductID

JOIN Orders o

ON o.OrderId = od.OrderId

JOIN Categories c

ON c.CategoryID = p.CategoryID

GROUP BY 3

ORDER BY 2 DESC