**1.Esponi l’anagrafica dei prodotti indicando per ciascun prodotto anche la sua sottocategoria (DimProduct, DimProductSubcategory).**

SELECT

A.\*, B.EnglishProductSubcategoryName

FROM

dimproduct A

JOIN

dimproductsubcategory B ON A.ProductSubcategoryKey = B.ProductSubcategoryKey

**2.Esponi l’anagrafica dei prodotti indicando per ciascun prodotto la sua sottocategoria e la sua categoria (DimProduct, DimProductSubcategory, DimProductCategory).**

SELECT

A.\*, B.EnglishProductSubcategoryName, C.EnglishProductCategoryName

FROM

dimproduct A

JOIN

dimproductsubcategory B ON A.ProductSubcategoryKey = B.ProductSubcategoryKey

JOIN

dimproductcategory C ON B.ProductcategoryKey = C.ProductcategoryKey;

**3.Esponi l’elenco dei soli prodotti venduti (DimProduct, FactResellerSales).**

SELECT

A.\*, B.\*

FROM

dimproduct A

JOIN

factresellersales B ON A.ProductKey = B.ProductKey

WHERE

B.SalesOrderLineNumber >= 1;

**4.Esponi l’elenco dei prodotti non venduti (considera i soli prodotti finiti, cioè quelli per i quali il campo FinishedGoodsFlag è uguale a 1).**

SELECT DISTINCT

dimproduct.EnglishProductName

FROM

dimproduct

WHERE

dimproduct.FinishedGoodsFlag = 1;

**5.Esponi l’elenco delle transazioni di vendita (FactResellerSales) indicando anche il nome del prodotto venduto (DimProduct)**

SELECT

(dimproduct.EnglishProductName), factresellersales.\*

FROM

factresellersales

JOIN

dimproduct ON factresellersales.ProductKey = dimproduct.ProductKey;

**6.Esponi l’elenco delle transazioni di vendita indicando la categoria di appartenenza di ciascun prodotto venduto.**

SELECT

factresellersales.\*,

dimproductcategory.EnglishProductCategoryName

FROM

factresellersales

JOIN

dimproduct ON dimproduct.ProductKey = factresellersales.ProductKey

JOIN

dimproductsubcategory ON dimproduct.ProductSubcategoryKey = dimproductsubcategory.ProductCategoryKey

join

dimproductcategory on dimproductsubcategory.ProductCategoryKey=dimproductcategory.ProductCategoryKey;

**7.Esplora la tabella DimReseller.**

SELECT

\*

FROM

adv.dimreseller

**8.Esponi in output l’elenco dei reseller indicando, per ciascun reseller, anche la sua area geografica.**

SELECT

dimreseller.Resellerkey, dimgeography.\*

FROM

dimreseller

JOIN

dimgeography ON dimreseller.GeographyKey = dimgeography.GeographyKey;

**9-Esponi l’elenco delle transazioni di vendita. Il result set deve esporre i campi: SalesOrderNumber, SalesOrderLineNumber, OrderDate, UnitPrice, Quantity, TotalProductCost. Il result set deve anche indicare il nome del prodotto, il nome della categoria del prodotto, il nome del reseller e l’area geografica.**

SELECT

factresellersales.SalesOrderNumber,

factresellersales.SalesOrderLineNumber,

factresellersales.OrderDate,

factresellersales.UnitPrice,

factresellersales.OrderQuantity,

factresellersales.TotalProductCost,

dimproduct.EnglishProductName,

dimproductcategory.EnglishProductCategoryName,

dimreseller.ResellerName,

dimgeography.EnglishCountryRegionName

FROM

factresellersales

JOIN

dimproduct ON dimproduct.ProductKey = factresellersales.ProductKey

JOIN

dimproductsubcategory ON dimproduct.ProductSubcategoryKey = dimproductsubcategory.ProductCategoryKey

JOIN

dimproductcategory ON dimproductsubcategory.ProductCategoryKey = dimproductcategory.ProductCategoryKey

JOIN

dimreseller ON dimreseller.ResellerKey = factresellersales.ResellerKey

JOIN

dimgeography ON dimreseller.GeographyKey = dimgeography.GeographyKey;