```
-- Create Database PROJECTSA

CREATE DATABASE PROJECTSA

USE PROJECTSA

--Total Sales for each Product name

SELECT ProductName,SUM(SalesAmount) AS Total_Sales FROM AdventureWorks_Products ap
JOIN AdventureWork_Sales aws
ON ap.ProductKey=aws.ProductKey
GROUP BY ProductName

--View

CREATE VIEW Total_Sales_For_Products  AS
SELECT ProductName,SUM(SalesAmount) AS Total_Sales FROM AdventureWorks_Products ap
JOIN AdventureWork_Sales aws
ON ap.ProductKey=aws.ProductKey
GROUP BY ProductName

SELECT * FROM Total_Sales_For_Products



--Total Tax amount for each product color

SELECT awp.ProductColor,SUM(TaxAmt) AS Total_Tax_Amount FROM AdventureWork_Sales aws
LEFT JOIN AdventureWorks_Products awp
```

```
ON awp.ProductKey=aws.ProductKey
GROUP BY ProductColor

--View

CREATE VIEW Product_Tax_Amount AS
SELECT awp.ProductColor,SUM(TaxAmt) AS Total_Tax_Amount FROM AdventureWork_Sales aws
LEFT JOIN AdventureWorks_Products awp
ON awp.ProductKey=aws.ProductKey
GROUP BY ProductColor

SELECT * FROM Product_Tax_Amount

--Total freight for each product name

SELECT ProductName, SUM(Freight) AS Total_Freight FROM AdventureWork_Sales aws
LEFT JOIN AdventureWorks_Products awp
ON awp.ProductKey=aws.ProductKey
GROUP BY ProductName

--View

CREATE VIEW Product_Total_Freight AS
SELECT ProductName, SUM(Freight) AS Total_Freight FROM AdventureWork_Sales aws
LEFT JOIN AdventureWorks_Products awp
ON awp.ProductKey=aws.ProductKey
GROUP BY ProductName

SELECT * FROM Product_Total_Freight
```

--The sum of proportion of the sum of total product cost for each product name(Proportion added in excel)

```
SELECT ProductName,SUM(TotalProductCost) AS Sum_Of_TotalProductCost FROM AdventureWork_Sales aws

LEFT JOIN AdventureWorks_Products awp

ON awp.ProductKey=aws.ProductKey

GROUP BY ProductName

ORDER BY ProductName ASC
```

--View

```
CREATE VIEW Product_Sum_Proportion_of_Total_Cost AS

SELECT ProductName,SUM(TotalProductCost) AS Sum_Of_TotalProductCost FROM AdventureWork_Sales aws

LEFT JOIN AdventureWorks_Products awp

ON awp.ProductKey=aws.ProductKey

GROUP BY ProductName
```

```
SELECT * FROM Product_Sum_Proportion_of_Total_Cost
```

--Total sales amount and total freight from each country

```
SELECT Country,SUM(SalesAmount) AS Total_Sales_Amount,SUM(Freight) AS Total_Freight FROM AdventureWork_Sales aws

JOIN AdventureWorks_Territories awt
```

```
ON awt.SalesTerritoryKey=aws.SalesTerritoryKey

GROUP BY Country


--View


CREATE VIEW Total_Sales_Amount_and_Total_Freight_Per_Country AS

SELECT Country,SUM(SalesAmount) AS Total_Sales_Amount,SUM(Freight) AS Total_Freight FROM
AdventureWork_Sales aws

JOIN AdventureWorks_Territories awt

ON awt.SalesTerritoryKey=aws.SalesTerritoryKey

GROUP BY Country


SELECT * FROM Total_Sales_Amount_and_Total_Freight_Per_Country


--Percentage of total tax amount for each region


SELECT Region, SUM(TaxAmt) as Total_TaxAmt, (SUM(TaxAmt)/(SELECT SUM(TaxAmt)FROM
dbo.AdventureWork_Sales) * 100)

AS Percentage_Of_Total_Tax FROM AdventureWork_Sales aws

JOIN AdventureWorks_Territories awt

ON awt.SalesTerritoryKey=aws.SalesTerritoryKey

GROUP BY Region


--view


CREATE VIEW Total_Tax_Percentage_Per_Region AS

SELECT Region, SUM(TaxAmt) as Total_TaxAmt, (SUM(TaxAmt)/(SELECT SUM(TaxAmt)FROM
dbo.AdventureWork_Sales) * 100)

AS Percentage_Of_Total_Tax FROM AdventureWork_Sales aws

JOIN AdventureWorks_Territories awt
```

```
ON awt.SalesTerritoryKey=aws.SalesTerritoryKey

GROUP BY Region


SELECT * FROM Total_Tax_Percentage_Per_Region


SELECT * from [World GDPCSV]


DROP TABLE [World GDPCSV]


SELECT * FROM [World_GDPCSV (2)]


--United Nations Estimate For Each Country Territory In Europe


SELECT SUM(United_Nations_Estimate) AS Total_United_Nations_Estimate, Country_Territory
FROM [World_GDPCSV (2)]

WHERE UN_region= 'Europe'

GROUP BY Country_Territory


--View


CREATE VIEW United_Nations_Estimate_For_Each_Country_Territory_In_Europe AS

SELECT SUM(United_Nations_Estimate) AS Total_United_Nations_Estimate, Country_Territory
FROM [World_GDPCSV (2)]

WHERE UN_region= 'Europe'

GROUP BY Country_Territory


--Total World Bank Estimate in each UN Region


SELECT SUM(World_Bank_Estimate) AS Total_World_Bank_Estimate,UN_region FROM
[World_GDPCSV (2)]
```

```
GROUP BY UN_region

--View

CREATE VIEW Total_World_Bank_Estimate_in_each_UN_Region AS

SELECT SUM(World_Bank_Estimate) AS Total_World_Bank_Estimate,UN_region FROM
[World_GDPCSV (2)]

GROUP BY UN_region

--Average world bank estimate greater than 100000 in each UN Region

SELECT UN_Region,AVG(World_Bank_Estimate) AS AverageWorld_Bank_Estimate FROM
[World_GDPCSV (2)]

GROUP BY UN_Region

HAVING AVG(World_Bank_Estimate)> 100000

--View

CREATE VIEW World_Bank_Estimate_Greater_Than_100000 AS

SELECT UN_Region,AVG(World_Bank_Estimate) AS AverageWorld_Bank_Estimate FROM
[World_GDPCSV (2)]

GROUP BY UN_Region

HAVING AVG(World_Bank_Estimate)> 100000

--Total world bank estimate greater than 2000000 in each country territory

SELECT Country_Territory,SUM(World_Bank_Estimate) AS TotalWorld_Bank_Estimate FROM
[World_GDPCSV (2)]

GROUP BY Country_Territory

HAVING SUM(World_Bank_Estimate)>2000000
```

```
--View

CREATE VIEW Above_2000000_WorldBanEstimate_in_Each_Country_Territory AS

SELECT Country_Territory,SUM(World_Bank_Estimate) AS TotalWorld_Bank_Estimate FROM
[World_GDPCSV (2)]

GROUP BY Country_Territory

HAVING SUM(World_Bank_Estimate)>2000000
```