

Sql code :

1. vw_ProductStartingWithL

```
CREATE VIEW vw_ProductStartingWithL AS

    SELECT

        ProductID,

        ProductNumber,

        Name

    FROM

        Production.Product

    WHERE

        SellStartDate IS NOT NULL

        AND Name LIKE 'L%';
```

To query with sorting:

```
SELECT

    ProductID,

    ProductNumber,

    Name

FROM

    vw_ProductStartingWithL

ORDER BY

    Name ASC;
```

2. vw_CustomerOrderSummary

```
CREATE VIEW vw_CustomerOrderSummary AS

    SELECT

        CustomerID,

        AVG(SubTotal) AS AverageSubtotal,

        SUM(SubTotal) AS TotalSubtotal
```

```
FROM
Sales.SalesOrderHeader
GROUP BY
CustomerID, SalesPersonID;
```

To query with sorting:

```
SELECT
CustomerID,
AverageSubtotal,
TotalSubtotal
FROM
vw_CustomerOrderSummary
ORDER BY
CustomerID DESC;
```

3. vw_ProductInventorySummary

```
CREATE VIEW vw_ProductInventorySummary AS
SELECT
ProductID,
SUM(Quantity) AS TotalQuantity
FROM
Production.ProductInventory
WHERE
Shelf IN ('A', 'C', 'H')
GROUP BY
ProductID
HAVING
SUM(Quantity) > 500;
```

To query with sorting:

```
SELECT
    ProductID,
    TotalQuantity
FROM
    vw_ProductInventorySummary
ORDER BY
    ProductID ASC;
```

4. vw_PersonWithLLastName

```
CREATE VIEW vw_PersonWithLLastName AS

SELECT
    p.BusinessEntityID,
    p.FirstName,
    p.LastName,
    pp.PhoneNumber
FROM
    Person.Person p
    INNER JOIN
        Person.PersonPhone pp ON p.BusinessEntityID = pp.BusinessEntityID
WHERE
    p.LastName LIKE 'L%';
```

To query with sorting:

```
SELECT
    BusinessEntityID,
    FirstName,
    LastName,
    PhoneNumber
FROM
```

vw_PersonWithLLastName

ORDER BY

LastName ASC,

FirstName ASC;

5. vw_EmployeesPerCity

CREATE VIEW vw_EmployeesPerCity AS

SELECT

a.City,

COUNT(bea.BusinessEntityID) AS NumberOfEmployees

FROM

Person.Address a

INNER JOIN

Person.BusinessEntityAddress bea ON a.AddressID = bea.AddressID

GROUP BY

a.City;

To query with sorting:

SELECT

City,

NumberOfEmployees

FROM

vw_EmployeesPerCity

ORDER BY

City ASC;

6. vw_ContactTypeSummary

CREATE VIEW vw_ContactTypeSummary AS

SELECT

```

        ct.ContactTypeID,
        ct.Name AS ContactTypeName,
        COUNT(bec.BusinessEntityID) AS NumberOfContacts
    FROM
        Person.BusinessEntityContact bec
    INNER JOIN
        Person.ContactType ct ON bec.ContactTypeID = ct.ContactTypeID
    GROUP BY
        ct.ContactTypeID, ct.Name
    HAVING
        COUNT(bec.BusinessEntityID) >= 100;

```

To query with sorting:

```

    SELECT
        ContactTypeID,
        ContactTypeName,
        NumberOfContacts
    FROM
        vw_ContactTypeSummary
    ORDER BY
        NumberOfContacts DESC;

```

7. vw_EmployeeCity

```

CREATE VIEW vw_EmployeeCity AS
    SELECT
        p.FirstName,
        p.LastName,
        a.City
    FROM

```

Person.Person p

INNER JOIN

HumanResources.Employee e ON p.BusinessEntityID = e.BusinessEntityID

INNER JOIN

Person.BusinessEntityAddress bea ON e.BusinessEntityID = bea.BusinessEntityID

INNER JOIN

Person.Address a ON bea.AddressID = a.AddressID;

To query with sorting:

SELECT

FirstName,

LastName,

City

FROM

vw_EmployeeCity

ORDER BY

LastName ASC,

FirstName ASC;

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- Graph Tables
- dbo.AWBuildVersion
- dbo.Customers
- dbo.DatabaseLog
- dbo.ErrorLog
- dbo.Orders
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepa
- HumanResources.EmployeePayHi
- HumanResources.JobCandidate
- HumanResources.Shift
- Person.Address
- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument

SQLQuery2.sql - DE-LS5B\Amin (68)

```
CREATE VIEW vw_ProductStartingWithL AS
SELECT
    ProductID,
    ProductNumber,
    Name
FROM
    Production.Product
WHERE
    SellStartDate IS NOT NULL
    AND Name LIKE 'L%';
```

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:37:38.124681102:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\Amin (68) ... AdventureWorks2022 00:00:00 0 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- Graph Tables
- dbo.AWBuildVersion
- dbo.Customers
- dbo.DatabaseLog
- dbo.ErrorLog
- dbo.Orders
- HumanResources.Department
- HumanResources.Employee
- HumanResources.EmployeeDepa
- HumanResources.EmployeePayHi
- HumanResources.JobCandidate
- HumanResources.Shift
- Person.Address
- Person.AddressType
- Person.BusinessEntity
- Person.BusinessEntityAddress
- Person.BusinessEntityContact
- Person.ContactType
- Person.CountryRegion
- Person.EmailAddress
- Person.Password
- Person.Person
- Person.PersonPhone
- Person.PhoneNumberType
- Person.StateProvince
- Production.BillOfMaterials
- Production.Culture
- Production.Document
- Production.Illustration
- Production.Location
- Production.Product
- Production.ProductCategory
- Production.ProductCostHistory
- Production.ProductDescription
- Production.ProductDocument

SQLQuery2.sql - DE-LS5B\Amin (68)

```
SELECT
    ProductID,
    ProductNumber,
    Name
FROM
    vw_ProductStartingWithL
ORDER BY
    Name ASC;
```

Results

	ProductID	ProductNumber	Name
1	994	BB-7421	LL Bottom Bracket
2	317	CA-S965	LL CrankArm
3	940	CO-5759	LL Crankset
4	802	FK-1639	LL Fork
5	356	GT-0820	LL Grip Tape
6	805	HS-0296	LL Headset
7	400	HJ-4280	LL Hub
8	943	FR-M218-40	LL Mountain Frame - Black, 40
9	924	FR-M218-42	LL Mountain Frame - Black, 42
10	925	FR-M218-44	LL Mountain Frame - Black, 44
11	926	FR-M218-48	LL Mountain Frame - Black, 48
12	927	FR-M218-52	LL Mountain Frame - Black, 52
13	944	FR-M219-40	LL Mountain Frame - Silver, 40
14	917	FR-M219-42	LL Mountain Frame - Silver, 42
15	918	FR-M219-44	LL Mountain Frame - Silver, 44
16	919	FR-M219-48	LL Mountain Frame - Silver, 48
17	920	FR-M219-52	LL Mountain Frame - Silver, 52

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\Amin (68) ... AdventureWorks2022 00:00:00 103 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

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AdventureWorks2022

Object Explorer

- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard
- Sales.SalesOrderDetail
- Sales.SalesOrderHeader
- Sales.SalesOrderHeaderSalesReason
- Sales.SalesPerson
- Sales.SalesPersonQuotaHistory
- Sales.SalesReason
- Sales.SalesTaxRate

SQLQuery2.sql - DESKTOP-TMILSSB\AI Amin (68)

```
CREATE VIEW vw_CustomerOrderSummary AS
SELECT
    CustomerID,
    AVG(SubTotal) AS AverageSubtotal,
    SUM(SubTotal) AS TotalSubtotal
FROM
    Sales.SalesOrderHeader
GROUP BY
    CustomerID, SalesPersonID;
```

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:40:08.343446902:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS - DESKTOP-TMILSSB\AI Amin (68) - AdventureWorks2022 00:00:00 0 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- Production.ProductDescription
- Production.ProductDocument
- Production.ProductInventory
- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductPhoto
- Production.ProductProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard
- Sales.SalesOrderDetail
- Sales.SalesOrderHeader
- Sales.SalesOrderHeaderSalesReason
- Sales.SalesPerson
- Sales.SalesPersonQuotaHistory
- Sales.SalesReason
- Sales.SalesTaxRate

SQLQuery2.sql - DESKTOP-TMILSSB\AI Amin (68)

```
SELECT
    CustomerID,
    AverageSubtotal,
    TotalSubtotal
FROM
    vw_CustomerOrderSummary
ORDER BY
    CustomerID DESC;
```

Results

	CustomerID	AverageSubtotal	TotalSubtotal
1	30118	34638.1521	207828.9131
2	30118	35369.9284	70739.6569
3	30117	77171.7926	463030.757
4	30117	58954.1365	353724.8103
5	30116	46778.5502	187114.2011
6	30115	1114.6949	8917.5594
7	30114	1456.6238	11652.6911
8	30113	34142.2353	273185.0902
9	30112	93591.6217	93591.6217
10	30112	54909.3785	384365.6498
11	30111	69131.8007	278526.4031
12	30110	406.5168	1625.2765
13	30109	59857.2605	119714.521
14	30109	36114.5232	216657.1397
15	30108	36150.6454	144602.5816
16	30107	48090.7976	577089.5723
17	30106	6172.4534	12344.9086

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS - DESKTOP-TMILSSB\AI Amin (68) - AdventureWorks2022 00:00:00 19,344 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductPhoto
- Production.ProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard
- Sales.SalesOrderDetail
- Sales.SalesOrderHeader
- Sales.SalesOrderHeaderSalesReason
- Sales.SalesPerson
- Sales.SalesPersonQuotaHistory
- Sales.SalesReason
- Sales.SalesTaxRate
- Sales.SalesTerritory
- Sales.SalesTerritoryHistory
- Sales.ShoppingCartItem

SQLQuery2.sql - DESKTOP-TMILSSB\Amin (68)

```
CREATE VIEW vw_ProductInventorySummary AS
SELECT
    ProductID,
    SUM(Quantity) AS TotalQuantity
FROM
    Production.ProductInventory
WHERE
    Shelf IN ('A', 'C', 'H')
GROUP BY
    ProductID
HAVING
    SUM(Quantity) > 500;
```

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:42:30.2752707+02:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS - DESKTOP-TMILSSB\Amin (68) - AdventureWorks2022 00:00:00 0 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- Production.ProductListPriceHistory
- Production.ProductModel
- Production.ProductModelIllustration
- Production.ProductModelProductPhoto
- Production.ProductPhoto
- Production.ProductReview
- Production.ProductSubcategory
- Production.ScrapReason
- Production.TransactionHistory
- Production.TransactionHistoryArchive
- Production.UnitMeasure
- Production.WorkOrder
- Production.WorkOrderRouting
- Purchasing.ProductVendor
- Purchasing.PurchaseOrderDetail
- Purchasing.PurchaseOrderHeader
- Purchasing.ShipMethod
- Purchasing.Vendor
- Sales.CountryRegionCurrency
- Sales.CreditCard
- Sales.Currency
- Sales.CurrencyRate
- Sales.Customer
- Sales.PersonCreditCard
- Sales.SalesOrderDetail
- Sales.SalesOrderHeader
- Sales.SalesOrderHeaderSalesReason
- Sales.SalesPerson
- Sales.SalesPersonQuotaHistory
- Sales.SalesReason
- Sales.SalesTaxRate
- Sales.SalesTerritory
- Sales.SalesTerritoryHistory
- Sales.ShoppingCartItem

SQLQuery2.sql - DESKTOP-TMILSSB\Amin (68)

```
SELECT
    ProductID,
    TotalQuantity
FROM
    vw_ProductInventorySummary
ORDER BY
    ProductID ASC;
```

Results

	ProductID	TotalQuantity
1	1	761
2	2	791
3	3	909
4	4	900
5	316	532
6	317	593
7	319	797
8	320	1136
9	321	1750
10	322	1884
11	323	1884
12	324	1820
13	325	1210
14	326	1097
15	328	1044
16	329	1025
17	330	1005

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS - DESKTOP-TMILSSB\Amin (68) - AdventureWorks2022 00:00:00 70 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- DESKTOP-TMILSSB\SQLEXPRESS (SQL Server 16)
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 - System Databases
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- Security
- Server Objects
- Replication
- Management
- XEvent Profiler

SQLQuery3.sql - DE_LSSB\AI Amin (62)

```
CREATE VIEW vw_PersonWithLastName AS
SELECT
    p.BusinessEntityID,
    p.FirstName,
    p.LastName,
    pp.PhoneNumber
FROM
    Person.Person p
INNER JOIN
    Person.PersonPhone pp ON p.BusinessEntityID = pp.BusinessEntityID
WHERE
    p.LastName LIKE 'L%';
```

SQLQuery2.sql - DE_LSSB\AI Amin (68)

100 %

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:49:24.7354326+02:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 0 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- DESKTOP-TMILSSB\SQLEXPRESS (SQL Server 16)
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- Server Objects
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- Management
- XEvent Profiler

SQLQuery3.sql - DE_LSSB\AI Amin (62)

```
SELECT
    BusinessEntityID,
    FirstName,
    LastName,
    PhoneNumber
FROM
    vw_PersonWithLastName
ORDER BY
    LastName ASC,
    FirstName ASC;
```

SQLQuery2.sql - DE_LSSB\AI Amin (68)

100 %

Results

	BusinessEntityID	FirstName	LastName	PhoneNumber
1	5527	Aaron	Lai	605-555-0159
2	5208	Adam	Lai	513-555-0110
3	12539	Alajewski	Lai	1 (111) 500-555-0117
4	19786	Alisa	Lai	1 (111) 500-555-0161
5	12004	Alisa	Lai	1 (111) 500-555-0119
6	16649	Alison	Lai	1 (111) 500-555-0177
7	5005	Alvin	Lai	1 (111) 500-555-0168
8	5070	Andrew	Lai	1 (111) 500-555-0127
9	10416	Armando	Lai	630-555-0164
10	8951	Ashlee	Lai	1 (111) 500-555-0148
11	6283	Austin	Lai	541-555-0141
12	11600	Barbara	Lai	1 (111) 500-555-0176
13	8744	Benjamin	Lai	1 (111) 500-555-0143
14	17275	Bethany	Lai	1 (111) 500-555-0196
15	3694	Bonnie	Lai	1 (111) 500-555-0191
16	9390	Brad	Lai	463-555-0111
17	20292	Bradley	Lai	1 (111) 500-555-0124

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 1,135 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

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SQLQuery3.sql - DE_155B\AI Amin (62)

```
--CREATE VIEW vw_EmployeesPerCity AS
SELECT
    a.City,
    COUNT (bea.BusinessEntityID) AS NumberOfEmployees
FROM
    Person.Address a
    INNER JOIN
    Person.BusinessEntityAddress bea ON a.AddressID = bea.AddressID
GROUP BY
    a.City;
```

SQLQuery2.sql - DE_155B\AI Amin (68)

100 %

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:50:27.0989924+02:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 0 rows

Activate Windows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- DESKTOP-TMILSSB\SQLEXPRESS (SQL Server 16)
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- Management
- XEvent Profiler

SQLQuery3.sql - DE_155B\AI Amin (62)

```
--SELECT
City,
NumberOfEmployees
FROM
vw_EmployeesPerCity
ORDER BY
City ASC;
```

SQLQuery2.sql - DE_155B\AI Amin (68)

100 %

Results

	City	NumberOfEmployees
1	Abingdon	1
2	Albany	4
3	Alexandria	2
4	Alhambra	1
5	Alpine	1
6	Altadena	2
7	Altamonte Springs	1
8	Anacortes	3
9	Arlington	1
10	Ascheim	1
11	Atlanta	2
12	Auburn	1
13	Augsburg	2
14	Augusta	1
15	Aujan Moumede	1
16	Aurora	1
17	Auswell	1

Messages

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 575 rows

Activate Windows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

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- Management
- XEvent Profiler

SQLQuery3.sql - DE-155B\Amin (62)

```
--CREATE VIEW vw_ContactTypeSummary AS
SELECT
    ct.ContactTypeID,
    ct.Name AS ContactTypeName,
    COUNT(bec.BusinessEntityID) AS NumberOfContacts
FROM
    Person.BusinessEntityContact bec
INNER JOIN
    Person.ContactType ct ON bec.ContactTypeID = ct.ContactTypeID
GROUP BY
    ct.ContactTypeID, ct.Name
HAVING
    COUNT(bec.BusinessEntityID) >= 100;
```

SQLQuery2.sql - DE-155B\Amin (68)

100 %

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:51:05.1854902+02:00

Query executed successfully.

Activate Windows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- DESKTOP-TMILSSB\SQLEXPRESS (SQL Server 16)
- Databases
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- Management
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SQLQuery3.sql - DE-155B\Amin (62)

```
--SELECT
    ContactTypeID,
    ContactTypeName,
    NumberOfContacts
FROM
    vw_ContactTypeSummary
ORDER BY
    NumberOfContacts DESC;
```

SQLQuery2.sql - DE-155B\Amin (68)

100 %

Results

	ContactTypeID	ContactTypeName	NumberOfContacts
1	11	Owner	266
2	15	Purchasing Manager	245
3	14	Purchasing Agent	242

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:51:05.1854902+02:00

Query executed successfully.

Speakers (Realtek High Definition Audio)

Go to Settings to activate Windows.

56

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

- DESKTOP-TMILSSB\SQLEXPRESS (SQL Server 16)
- Databases
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SQLQuery3.sql - DE-155B\AI Amin (62)

```
--CREATE VIEW vw_EmployeeCity AS
SELECT
    p.FirstName,
    p.LastName,
    a.City
FROM
    Person.Person p
INNER JOIN
    HumanResources.Employee e ON p.BusinessEntityID = e.BusinessEntityID
INNER JOIN
    Person.BusinessEntityAddress bea ON e.BusinessEntityID = bea.BusinessEntityID
INNER JOIN
    Person.Address a ON bea.AddressID = a.AddressID;
```

SQLQuery2.sql - DE-155B\AI Amin (68)

100 %

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:51:47.9175582+02:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 0 rows

SQLQuery2.sql - DESKTOP-TMILSSB\SQLEXPRESS\AdventureWorks2022 (DESKTOP-TMILSSB\AI Amin (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

AdventureWorks2022

Object Explorer

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SQLQuery3.sql - DE-155B\AI Amin (62)

```
--SELECT
    FirstName,
    LastName,
    City
FROM
    vw_EmployeeCity
ORDER BY
    LastName ASC,
    FirstName ASC;
```

SQLQuery2.sql - DE-155B\AI Amin (68)

100 %

Results

	FirstName	LastName	City
1	Syed	Abbas	Bothell
2	Kim	Abercrombie	Carnation
3	Hazem	Aboumou	Kennesaw
4	Pilar	Ackerman	Seattle
5	Jay	Adams	Monroe
6	François	Ajzenstat	Issaquah
7	Amy	Alberts	Renton
8	Ging	Alkerson	Bellevue
9	Sean	Alexander	Renton
10	Gary	Altman	Renton
11	Nancy	Anderson	Sammamish
12	Pamela	Arnsman-Wolfe	Portland
13	Zanele	Arfin	Issaquah
14	Dan	Bacon	Issaquah
15	Bryan	Baker	Monroe
16	Mary	Baker	Seattle
17	Annika	Barbieri	Edmonds

Messages

Commands completed successfully.

Completion time: 2024-11-25T00:51:47.9175582+02:00

Query executed successfully.

DESKTOP-TMILSSB\SQLEXPRESS ... DESKTOP-TMILSSB\AI Amin ... AdventureWorks2022 00:00:00 290 rows