

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL)

Databases

Security

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Replication

Management

XEvent Profiler

SQLQuery1.sql - DE...8BCFLO\vinay (63))*

```
create database PetPals;
use PetPals;

create table Pets (
    PetID int primary key identity(1,1),
    Name varchar(100) not null,
    Age int check (age >= 0) not null,
    Breed varchar(100),
    Type varchar(50) check (type in ('Dog', 'Cat', 'Bird', 'Reptile', 'Other')),
    AvailableForAdoption bit not null
);

create table Shelters(
    ShelterID int primary key identity(1,1),
    Name varchar(100) not null,
    Location varchar(255) not null
);
```

Messages

Commands completed successfully.

Completion time: 2024-09-27T09:34:52.8339687+05:30

100 %

Query executed successfully.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 0 rows

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63))* - Microsoft SQL Server Management Studio

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Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL)

Databases

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SQLQuery1.sql - DE...8BCFLO\vinay (63))*

```
create table Pets (
    PetID int primary key identity(1,1),
    Name varchar(100) not null,
    Age int check (age >= 0) not null,
    Breed varchar(100),
    Type varchar(50) check (type in ('Dog', 'Cat', 'Bird', 'Reptile', 'Other')),
    AvailableForAdoption bit not null
);

create table Shelters(
    ShelterID int primary key identity(1,1),
    Name varchar(100) not null,
    Location varchar(255) not null
);

create table Donations (
    DonationID int primary key identity(1,1),
    DonorName varchar(100) not null,
    DonationType varchar(50) check (DonationType in ('Cash', 'Item')),
    DonationAmount decimal(10,2) check (DonationAmount > 0),
    DonationTime varchar(100),
    DonationDate datetime not null
);

create table AdoptionEvents (
    EventID int primary key identity(1,1),
    EventName varchar(100) not null,
    EventDate datetime not null,
    Location varchar(255) not null
);

create table Participants (
    ParticipantID int primary key identity(1,1),
    ParticipantName varchar(100) not null,
    ParticipantType varchar(50) check (ParticipantType in ('Shelter', 'Adopter')),
    EventID int,
    foreign key (EventID) references AdoptionEvents (EventID)
);
```

Messages

Query completed with errors.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 0 rows

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL)

Databases

Security

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Replication

Management

XEvent Profiler

SQLQuery1.sql - DE...8BCFLO\vinay (63))*

```
--5. Write an SQL query that retrieves a list of available pets (those marked as available for adoption)
select Name, Age, Breed, Type
from Pets where AvailableForAdoption = 1;
```

Results

	Name	Age	Breed	Type
1	Bruno	2	Labrador	Dog
2	Whiskers	3	Persian Cat	Cat
3	Coco	1	Golden Retriever	Dog
4	Simba	4	Indian Pariah	Dog
5	Luna	6	Siamese Cat	Cat
6	Kwi	1	Parrot	Bird
7	Fluffy	5	Angora Rabbit	Other
8	Rex	7	Doberman	Dog

120 %

Query executed successfully.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 8 rows

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL Server)

Databases Security Server Objects Replication Management XEvent Profiler

SQLQuery1.sql - DESKTOP-L8BCFLO\vinay (63)

```

from Pets where AvailableForAdoption = 1;

/*6. Write an SQL query that retrieves the names of participants (shelters and adopters) registered
for a specific adoption event. Use a parameter to specify the event ID. Ensure that the query
joins the necessary tables to retrieve the participant names and types.
*/
declare @EventID int = 2;

select p.ParticipantName,p.ParticipantType
from Participants p
join AdoptionEvents a
on p.EventID = a.EventID
where p.EventID = @EventID;

```

Results Messages

ParticipantName	ParticipantType
Happy Tails	Shelter
Ravi Patel	Adopter

Query executed successfully.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 2 rows

Ready Ln 124 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL Server)

Databases Security Server Objects Replication Management XEvent Profiler

SQLQuery1.sql - DESKTOP-L8BCFLO\vinay (63)

```

begin
    update Shelters
        set Name = @NewName, Location = @NewLocation
        where ShelterID = @ShelterID;
end
else
begin
    raiserror('Shelter not found',16,1);
end
end;

select * from Shelters where ShelterID = 1;
exec UpdateShelterInfo @ShelterID = 122,@NewName = 'Vinay Pet Shop',@NewLocation = 'Pune';
select * from Shelters where ShelterID = 1;

```

Results Messages

(1 row affected)

Msg 50000, Level 16, State 1, Procedure UpdateShelterInfo, Line 15 [Batch Start Line 145]
Shelter not found

(1 row affected)

Completion time: 2024-09-27T10:17:50.6473950+05:30

Query completed with errors.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 2 rows

Ready Ln 146 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFLO\SQLEXPRESS.PetPals (DESKTOP-L8BCFLO\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFLO\SQLEXPRESS (SQL Server)

Databases Security Server Objects Replication Management XEvent Profiler

SQLQuery1.sql - DESKTOP-L8BCFLO\vinay (63)

```

begin
    update Shelters
        set Name = @NewName, Location = @NewLocation
        where ShelterID = @ShelterID;
end
else
begin
    raiserror('Shelter not found',16,1);
end
end;

select * from Shelters where ShelterID = 1;
exec UpdateShelterInfo @ShelterID = 1,@NewName = 'Vinay Pet Shop',@NewLocation = 'Pune';
select * from Shelters where ShelterID = 1;

```

Results Messages

ShelterID	Name	Location
1	Paws house	Mumbai

ShelterID	Name	Location
1	Vinay Pet Shop	Pune

Query executed successfully.

DESKTOP-L8BCFLO\SQLEXPRESS ... | DESKTOP-L8BCFLO\vinay ... | PetPals | 00:00:00 | 2 rows

Ready Ln 146 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - ShelterID (PK)
 - Name (varchar)
 - Location (varchar)
 - Keys
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SQLQuery1.sql - DE...8BCFL0\vinay (63))

```

update Donations set ShelterID = 9 where DonationID = 9;
update Donations set ShelterID = 10 where DonationID = 10;

select s.Name, sum(d.DonationAmount) as TotalDonations
from Donations d
join Shelters s on d.ShelterID = s.ShelterID group by s.Name;
  
```

Results

	Name	TotalDonations
1	Care4Pets	7000.00
2	Happy Tails	7000.00
3	Pet Paradise	NULL
4	Pets R Us	NULL
5	Rescue Ranch	6000.00
6	Safe Haven	3000.00
7	Vinay Pet Shop	5000.00

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 7 rows

Ready Ln 178 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - Columns
 - ShelterID (PK)
 - Name (varchar)
 - Location (varchar)
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SQLQuery1.sql - DE...8BCFL0\vinay (63))

```

set OwnerID = 1
where PetID in (4, 7);

select Name, Age, Breed, Type
from Pets
where OwnerID is null;
  
```

Results

	Name	Age	Breed	Type
1	Bruno	2	Labrador	Dog
2	Whiskers	3	Persian Cat	Cat
3	Coco	1	Golden Retriever	Dog
4	Simba	4	Indian Pariah	Dog
5	Luna	6	Siamese Cat	Cat
6	Kwii	1	Parrot	Bird
7	Fluffy	5	Angora Rabbit	Other
8	Rex	7	Dobberman	Dog

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 8 rows

Ready Ln 190 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - Columns
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 - Name (varchar)
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SQLQuery1.sql - DE...8BCFL0\vinay (63))

```

where OwnerID is null;

/*10. Write an SQL query that retrieves the total donation amount for each month and year (e.g.,
January 2023) from the "Donations" table. The result should include the month-year and the
corresponding total donation amount. Ensure that the query handles cases where no donations
were made in a specific month-year.*/

select format(DonationDate, 'MMMM yyyy') as MonthYear, sum(DonationAmount) as TotalDonations
from Donations
group by format(DonationDate, 'MMMM yyyy');
  
```

Results

	MonthYear	TotalDonations
1	August 2023	9500.00
2	July 2023	2500.00
3	June 2023	3000.00
4	May 2023	NULL
5	September 2023	13000.00

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 5 rows

Ready Ln 198 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - Name (varchar)
 - Location (varchar)
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SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

select format(DonationDate, 'MMM yyyy') as MonthYear, sum(DonationAmount) as TotalDonations
from Donations
group by format(DonationDate, 'MMM yyyy');

/*11. Retrieve a list of distinct breeds for all pets that are either aged between 1 and 3 years or older
than 5 years.*/

select distinct Breed
from Pets
where (Age between 1 and 3) or (Age > 5);
  
```

Results

Breed
1 Dobberman
2 German Shepherd
3 Golden Retriever
4 Labrador
5 Parrot
6 Persian Cat
7 Siamese Cat

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 7 rows

Ready Ln 204 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - dbo.Participants
 - dbo.Pets
 - dbo.Shelters
 - Columns
 - ShelterID (PK)
 - Name (varchar)
 - Location (varchar)
 - Keys
 - Constraints
 - Triggers
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SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

select p.Name as PetName, s.Name as ShelterName
from Pets p
join Shelters s
on p.ShelterID = s.ShelterID where p.AvailableForAdoption=1;
  
```

Results

PetName	ShelterName
1 Bruno	Vinay Pet Shop
2 Whiskers	Happy Tails
3 Coco	Safe Haven
4 Simba	Pet Paradise
5 Luna	Happy Tails
6 Kivi	Safe Haven
7 Fluffy	Pet Shelter
8 Rex	Animal Aid

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 8 rows

Ready Ln 226 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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 - dbo.Participants
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 - dbo.Shelters
 - Columns
 - ShelterID (PK)
 - Name (varchar)
 - Location (varchar)
 - Keys
 - Constraints
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SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

on p.ShelterID = s.ShelterID where p.AvailableForAdoption=1;

/*13. Find the total number of participants in events organized by shelters located in specific city.
Example: City=Chennai*/
select * from AdoptionEvents
select * from Shelters
select count(p.participantID) as TotalParticipants
from Participants p
join AdoptionEvents a on p.EventID = a.EventID
join Shelters s on a.Location = s.Location
where s.Location = 'Chennai';
  
```

Results

TotalParticipants
1 2

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 1 rows

Ready Ln 235 Col 1 Ch 1 INS

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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PetPals

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Graph Tables

dbo.AdoptionEvents

dbo.Donations

dbo.Participants

dbo.Pets

dbo.Shelters

Columns

ShelterID (PK)

Name (varchar)

Location (varchar)

Keys

Constraints

Triggers

Indexes

Statistics

Views

External Resources

SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```
--14. Retrieve a list of unique breeds for pets with ages between 1 and 5 years.
select distinct Breed, Age from Pets
where Age between 1 and 5;
```

Results

Breed	Age
Angora Rabbit	5
Beagle	5
German Shepherd	2
Golden Retriever	1
Indian Pariah	4
Labrador	2
Parrot	1
Persian Cat	3

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 8 rows

Ready

Ln 1 Col 1 INS

Search

11:08 27-09-2024

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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PetPals

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dbo.AdoptionEvents

dbo.Donations

dbo.Participants

dbo.Pets

dbo.Shelters

Columns

ShelterID (PK)

Name (varchar)

Location (varchar)

Keys

Constraints

Triggers

Indexes

Statistics

Views

External Resources

SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```
--15. Find the pets that have not been adopted by selecting their information from the 'Pet' table.
select Name, Age, Breed, Type
from Pets
where OwnerID is null;
```

Results

Name	Age	Breed	Type
Bruno	2	Labrador	Dog
Whiskers	3	Persian Cat	Cat
Coco	1	Golden Retriever	Dog
Simba	4	Indian Pariah	Dog
Luna	6	Siamese Cat	Cat
Kwii	1	Parrot	Bird
Fluffy	5	Angora Rabbit	Other
Rex	7	Doberman	Dog

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 8 rows

Ready

Ln 246 Col 1 Ch 1 INS

Search

11:09 27-09-2024

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

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PetPals

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dbo.AdoptionEvents

dbo.Donations

dbo.Participants

dbo.Pets

Columns

PetID (PK, int)

Name (varchar)

Age (int, not null)

Breed (varchar)

Type (varchar)

AvailableForAdoption (bit)

OwnerID (int)

ShelterID (FK)

Keys

Constraints

Triggers

Indexes

Statistics

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SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```
/*17. Retrieve a list of all shelters along with the count of pets currently available for adoption in each shelter.*/
select s.Name as ShelterName, count(p.PetID) as AvailablePets
from Shelters s
left join Pets p on s.ShelterID = p.ShelterID
where p.AvailableForAdoption = 1
group by s.Name;
```

Results

ShelterName	AvailablePets
Animal Aid	1
Happy Tails	2
Pet Paradise	1
Pet Shelter	1
Safe Haven	2
Vinay Pet ...	1

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 6 rows

Ready

Ln 256 Col 1 Ch 1 INS

Search

11:23 27-09-2024

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

Databases

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dbo.AdoptionEvents

dbo.Donations

dbo.Participants

dbo.Pets

Columns

PetID (PK, int)

Name (varchar)

Age (int, not null)

Breed (varchar)

Type (varchar)

AvailableForAdoption (bit)

OwnerID (int)

ShelterID (FK)

Keys

Constraints

Triggers

SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

('Rocky',9,'Doberman','Dog',1,7),
('Mithu',3,'Parrot','Bird',1,3);

select p1.Name as Pet1, p2.Name as Pet2, p1.Breed, s.Name as Shelter
from Pets p1
join Pets p2 on p1.ShelterID = p2.ShelterID and p1.Breed = p2.Breed and p1.PetID < p2.PetID
join Shelters s on p1.ShelterID = s.ShelterID;

```

Results

Pet1	Pet2	Breed	Shelter
Kivi	Mithu	Parrot	Safe Haven
Rex	Rocky	Doberman	Animal Aid

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 2 rows

Ready

Ln 269 Col 1 Ch 1 INS

Search

11:31 27-09-2024

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

Databases

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dbo.Donations

dbo.Participants

dbo.Pets

Columns

PetID (PK, int)

Name (varchar)

Age (int, not null)

Breed (varchar)

Type (varchar)

AvailableForAdoption (bit)

OwnerID (int)

ShelterID (FK)

Keys

Constraints

Triggers

SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

select p1.Name as Pet1, p2.Name as Pet2, p1.Breed, s.Name as Shelter
from Pets p1
join Pets p2 on p1.ShelterID = p2.ShelterID and p1.Breed = p2.Breed and p1.PetID < p2.PetID
join Shelters s on p1.ShelterID = s.ShelterID;

--19. List all possible combinations of shelters and adoption events.
select s.Name as ShelterName, e.EventName
from Shelters s
cross join AdoptionEvents e;

```

Results

ShelterName	EventName
Vinay Pet Shop	Mega Adoption Drive
Happy Tails	Mega Adoption Drive
Safe Haven	Mega Adoption Drive
Pet Paradise	Mega Adoption Drive
Rescue Ranch	Mega Adoption Drive
Pet Shelter	Mega Adoption Drive
Animal Aid	Mega Adoption Drive
Stray Care	Mega Adoption Drive
Care4Pets	Mega Adoption Drive
Pets R Us	Mega Adoption Drive
Vinay Pet Shop	Pet Fair 2023
Happy Tails	Pet Fair 2023
Safe Haven	Pet Fair 2023
Pet Paradise	Pet Fair 2023
Rescue Ranch	Pet Fair 2023

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 100 rows

Ready

Ln 275 Col 1 Ch 1 INS

Search

11:33 27-09-2024

SQLQuery1.sql - DESKTOP-L8BCFL0\SQLEXPRESS.PetPals (DESKTOP-L8BCFL0\vinay (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - PetPals

DESKTOP-L8BCFL0\SQLEXPRESS (SQLEXPRESS)

Databases

System Databases

Database Snapshots

payXpert

PetPals

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.AdoptionEvents

dbo.Donations

dbo.Participants

dbo.Pets

Columns

PetID (PK, int)

Name (varchar)

Age (int, not null)

Breed (varchar)

Type (varchar)

AvailableForAdoption (bit)

OwnerID (int)

ShelterID (FK)

Keys

Constraints

Triggers

SQLQuery1.sql - DESKTOP-L8BCFL0\vinay (63)

```

--20. Determine the shelter that has the highest number of adopted pets.
select * from Pets
select top 1 s.Name as ShelterName, COUNT(p.PetID) as TotalAvailablePets
from Pets p
join Shelters s on p.ShelterID = s.ShelterID
where p.AvailableForAdoption = 1
group by s.Name
order by TotalAvailablePets desc;

```

Results

ShelterName	TotalAvailablePets
Safe Haven	3

Query executed successfully.

DESKTOP-L8BCFL0\SQLEXPRESS ... | DESKTOP-L8BCFL0\vinay ... | PetPals | 00:00:00 | 1 rows

Ready

Ln 281 Col 1 Ch 1 INS

Search

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