

Task:

1. Write queries to return the following:

- a. Display a list of all property names and their property id's for Owner Id: 1426.

```
SELECT OwnerProperty.PropertyId, Property.Name
FROM OwnerProperty
INNER JOIN Property ON OwnerProperty.PropertyId = Property.Id
WHERE [OwnerId] = 1426
```

The screenshot shows the Microsoft SQL Server Management Studio interface. The left pane displays the Object Explorer with a tree view of the database schema, including tables like dbo.Owners, dbo.OwnershipStatus, and dbo.Property. The central query editor contains the following SQL query:

```
Select * From [dbo].[Property]

Select [Name]
From [dbo].[Property]
Where [Id] = 5638

Select OwnerProperty.PropertyId, Property.Name
From OwnerProperty
Inner join Property on OwnerProperty.PropertyId = Property.Id
Where [OwnerId] = 1426
```

The bottom pane shows the Results tab with the following data:

PropertyId	Name
5597	BI property 1
5637	BI property 2
5638	BI property 3

The status bar at the bottom indicates "Query executed successfully." and "3 rows".

b. Display the current home value for each property in question a).

```
SELECT OwnerProperty.PropertyId, Property.Name, PropertyHomeValue.Value
FROM OwnerProperty
INNER JOIN Property ON OwnerProperty.PropertyId = Property.Id
INNER JOIN PropertyHomeValue ON OwnerProperty.PropertyId = PropertyHomeValue.PropertyId
WHERE [OwnerId] = 1426 Order by PropertyId
```

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left lists various database tables. The main window displays a SQL query and its results. The query is as follows:

```
SELECT OwnerProperty.PropertyId, Property.Name, PropertyHomeValue.Value
FROM OwnerProperty
INNER JOIN Property ON OwnerProperty.PropertyId = Property.Id
INNER JOIN PropertyHomeValue ON OwnerProperty.PropertyId = PropertyHomeValue.PropertyId
WHERE [OwnerId] = 1426 Order by PropertyId
```

The Results pane shows the following data:

PropertyId	Name	Value
5597	Bl property 1	45.00
5637	Bl property 2	4500000....
5638	Bl property 3	3000000....
5638	Bl property 3	2.00

The status bar at the bottom indicates "Query executed successfully." and "4 rows".

c. For each property in question a), return the following:

- Using rental payment amount, rental payment frequency, tenant start date and tenant end date to write a query that returns the sum of all payments FROM start date to end date.
- Display the yield.

Yet to be complete

~vs29FC.sql - mvpsstudio.cd\k5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnboardUser (95))* - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

Clear Data Clear All Filters Grouping... Aggregation... Toggle Bookmark Previous Bookmark Next Bookmark Clear All Bookmarks Choose Columns... Display Settings

Keys Execute

Object Explorer

Connect

- Triggers
- Indexes
- Statistics
- dbo.RentalWatchList
- dbo.RequestReply
- dbo.RequestReplyMedia
- dbo.RequestStatus
- dbo.RequestType
- dbo.Role
- dbo.SalesInfo
- dbo.ServiceProvider
- dbo.ServiceProviderJobStatus
- dbo.Status
- dbo.TargetRentType
- dbo.TempProper
- dbo.TempProper1
- dbo.Tenant
- dbo.TenantJobRequest
- dbo.TenantJobRequestMedia
- dbo.TenantJobStatus
- dbo.TenantMedia
- dbo.TenantPaymentFrequencies
- dbo.TenantProperty
- dbo.TenantPropertyLiability
- dbo.TenantPropertyNearExpairTmp
- dbo.UserRating
- dbo.Vacant
- dbo.YearsTakenStore

SQLQuery9.sql - m...sOnboardUser (98))* ~vs29FC.sql - mvps...sOnboardUser (95))* SQLQuery3.sql - m...sOnboardUser (97))

```

Select OwnerProperty.PropertyId, Property.Name, PropertyHomeValue.Value, PropertyRentalPayment.Amount,
PropertyRentalPayment.frequencyType,TenantProperty.Startdate, TenantProperty.EndDate

from OwnerProperty
inner join Property on OwnerProperty.PropertyId = Property.Id
Inner join PropertyHomeValue on OwnerProperty.PropertyId = PropertyHomeValue.PropertyId
Inner Join PropertyRentalPayment on OwnerProperty.PropertyId = PropertyRentalPayment.PropertyId
Inner Join TenantProperty on OwnerProperty.PropertyId = TenantProperty.PropertyId
Where [OwnerId] = 1426 Order by PropertyId

=====
Select t.name AS table_name,
      SCHEMA_NAME(schema_id) AS schema_name,
      c.name As column_name
FROM sys.tables AS t
  
```

100 %

Results Messages

PropertyId	Name	Value	Amount	frequencyType	Startdate	EndDate
1 5597	BI property 1	45.00	300.00	1	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000
2 5637	BI property 2	4500000...	400.00	2	2018-01-01 00:00:00.000	2018-12-31 00:00:00.000
3 5638	BI property 3	3000000...	45.00	1	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000
4 5638	BI property 3	3000000...	3.00	3	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000
5 5638	BI property 3	2.00	45.00	1	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000
6 5638	BI property 3	2.00	3.00	3	2018-01-01 13:28:00.000	2018-12-31 13:28:00.000

Query executed successfully. mvpsstudio.cd\k5vm8weq.ap-s... KeysOnboardUser (95) Keys 00:00:00 16 rows

Ready Ln 2 Col 37 Ch 37 INS

11:30 PM 8/11/2019

d. Display all the jobs available in the marketplace (jobs that owners have advertised for service suppliers).

```

SELECT Ownerid, PropertyId, JobDescription
FROM [dbo].[Job]
  
```

SQLQuery15.sql - mvpsstudio.cd\k5vm8weq.ap-southeast-2.rds.amazonaws.com.Keys (KeysOnboardUser (99))* - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

Clear Data Clear All Filters Grouping... Aggregation... Toggle Bookmark Previous Bookmark Next Bookmark Clear All Bookmarks Choose Columns... Display Settings

Keys Execute

Object Explorer

Connect

- dbo.Country
- dbo.Customers
- dbo.Inspection
- dbo.InspectionMedia
- dbo.InspectionStatus
- dbo.Job
- Columns
- Id (PK, int, not null)
- ProviderId (int, null)
- PropertyId (FK, int, not null)
- OwnerId (int, null)
- PaymentAmount (decimal(18, 2), null)
- JobStartDate (datetime, null)
- JobEndDate (datetime, null)
- JobDescription (nvarchar(max), null)
- JobStatusId (FK, int, not null)
- UpdatedBy (nvarchar(500), not null)
- CreatedOn (datetime, not null)
- UpdatedOn (datetime, not null)
- MaxBudget (decimal(18, 2), null)
- PercentDone (int, null)
- Note (nvarchar(max), null)
- AcceptedQuote (decimal(18, 2), null)
- OwnerUpdate (bit, null)
- ServiceUpdate (bit, null)
- JobRequestid (int, null)

SQLQuery15.sql ~sOnboardUser (99))* SQLQuery14.sql ~sOnboardUser (90)) SQLQuery11.sql ~sOnboardUser (88))

```

,AcceptedQuote]
,OwnerUpdate]
,ServiceUpdate]
,JobRequestid]
FROM
[keys].[dbo].[Job]

Select Ownerid, PropertyId, JobDescription
From [dbo].[Job]
  
```

100 %

Results Messages

OwnerId	PropertyId	JobDescription
1 348	3075	test1
2 348	3077	test2
3 348	2966	test33
4 348	3079	test4
5 348	3087	test5
6 348	3082	test6
7 348	3076	asasf
8 348	3082	job 1
9 348	3102	job 2
10 348	3102	job 3

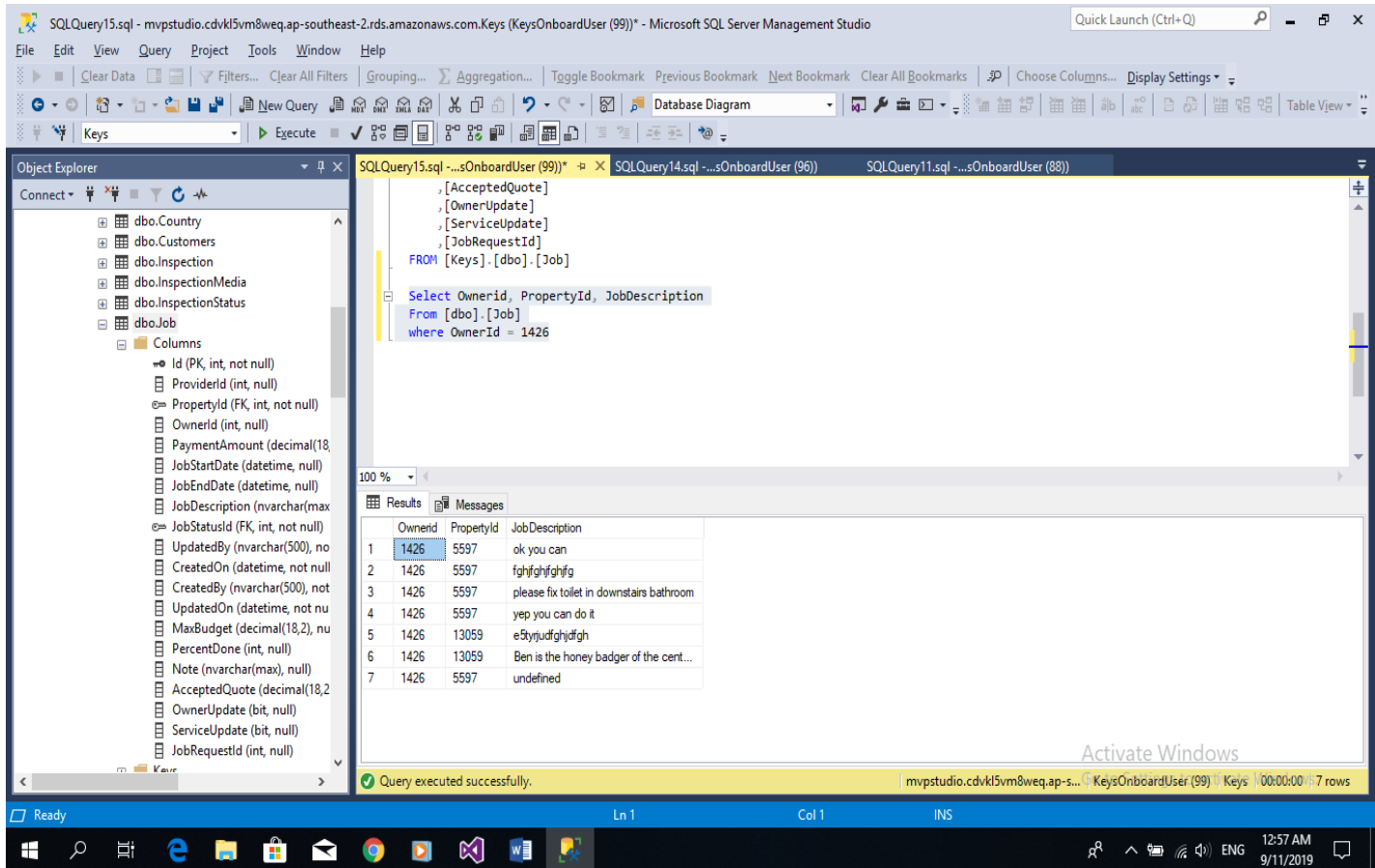
Query executed successfully. mvpsstudio.cd\k5vm8weq.ap-s... KeysOnboardUser (99) Keys 00:00:00 1,818 rows

Ready Ln 26 Col 3 Ch 3 INS

```

SELECT Ownerid, PropertyId, JobDescription
FROM [dbo].[Job]
WHERE OwnerId = 1426

```



e. Display all property names, current tenants first and last names and rental payments per week/ fortnight/month for the properties in question a).

```

SELECT OwnerProperty.PropertyId, Property.Name AS PropertyName, Property.TargetRent AS
RentalPayment, TenantPaymentFrequencies.Name AS PaymentFrequencies,
RentalApplication.FirstName AS TenantFirstName, RentalApplication.LastName AS
TenantLastName
FROM OwnerProperty
INNER JOIN Property ON OwnerProperty.PropertyId = Property.Id
INNER JOIN TenantPaymentFrequencies ON TenantPaymentFrequencies.ID =
Property.TargetRentTypeId
LEFT JOIN RentalApplication On RentalApplication.PersonId = OwnerProperty.id
WHERE [OwnerId] = 1426

```

Microsoft SQL Server Management Studio interface showing a query execution result.

Object Explorer: Lists database objects including `dbo.RentalPaymentTracking`, `dbo.RentalWatchList`, `dbo.RequestReply`, `dbo.RequestReplyMedia`, `dbo.RequestStatus`, `dbo.RequestType`, `dbo.Role`, `dbo.SalesInfo`, `dbo.ServiceProvider`, `dbo.ServiceProviderJobStatus`, `dbo.Status`, `dbo.TargetRentType`, `dbo.TempProper`, `dbo.TempProper1`, `dbo.Tenant`, `dbo.TenantJobRequest`, `dbo.TenantJobRequestMedia`, `dbo.TenantJobStatus`, `dbo.TenantMedia`, `dbo.TenantPaymentFrequencies`, `dbo.TenantProperty`, `dbo.TenantPropertyLiability`, `dbo.TenantPropertyNearExpairTmp`, `dbo.UserRating`, `dbo.Vacant`, `dbo.XeroTokenStore`, `Views`, and `External Resources`.

SQL Query Editor: Contains two queries. The first query is a table structure query. The second query is a join query.

```
SELECT t.name AS table_name,
SCHEMA_NAME(schema_id) AS schema_name,
c.name AS column_name
FROM sys.tables AS t
INNER JOIN sys.columns c ON t.OBJECT_ID = c.OBJECT_ID
WHERE c.name LIKE '%Tname%'
ORDER BY schema_name, table_name;

SELECT OwnerProperty.PropertyId, Property.Name AS PropertyName, Property.TargetRent AS RentalPayment, TenantPaymentFrequencies.Name AS Paym
RentalApplication.FirstName AS TenantFirstName, RentalApplication.LastName AS TenantLastName
FROM OwnerProperty
INNER JOIN Property ON OwnerProperty.PropertyId = Property.Id
INNER JOIN TenantPaymentFrequencies ON TenantPaymentFrequencies.ID = Property.TargetRentTypeId
LEFT JOIN RentalApplication ON RentalApplication.PersonId = OwnerProperty.id
WHERE [OwnerId] = 1426
```

Results: The query returned 11 rows of data.

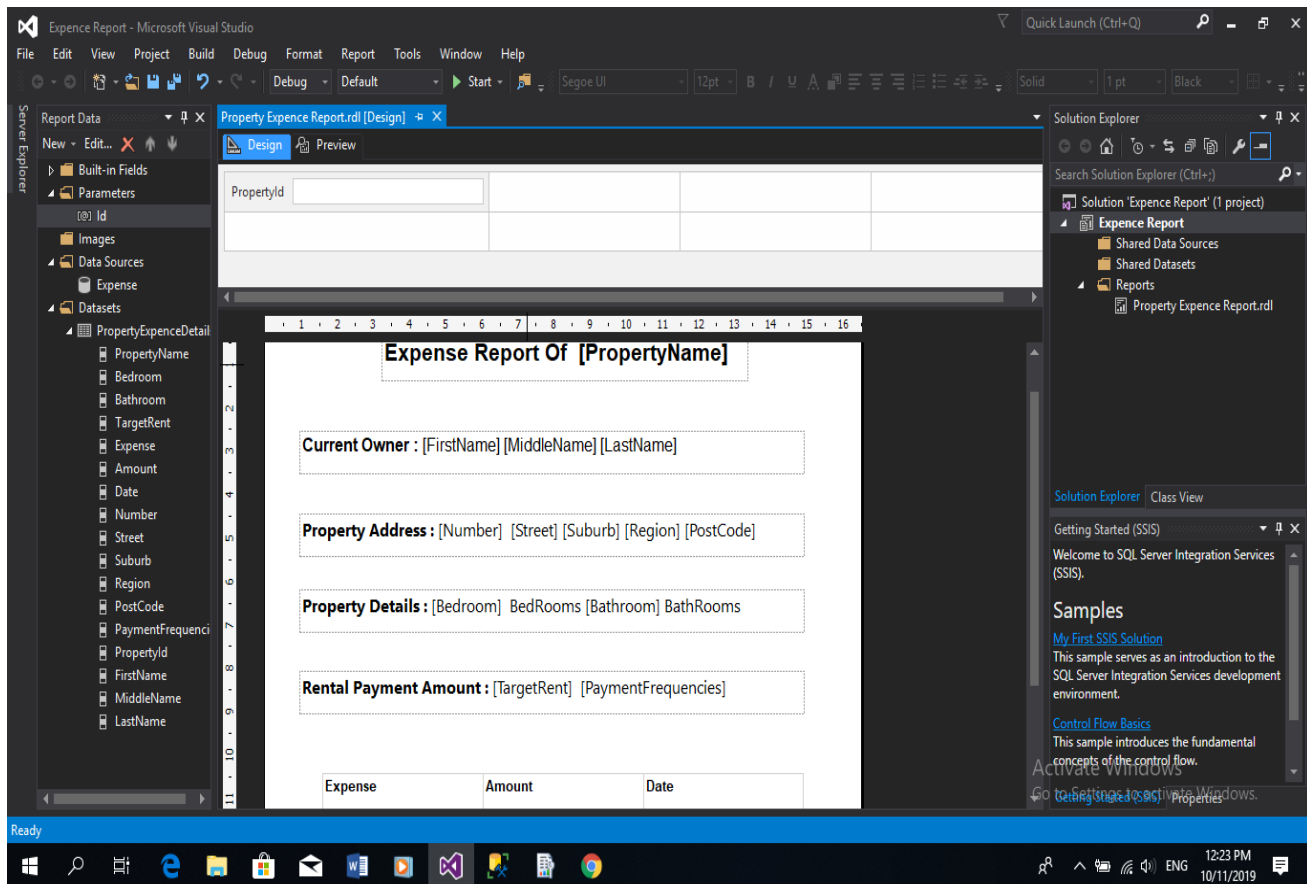
	PropertyId	PropertyName	RentalPayment	PaymentFrequencies	TenantFirstName	TenantLastName
2	5597	Bl property 1	300	Weekly	NULL	NULL
3	5597	Bl property 1	300	Weekly	NULL	NULL
4	5597	Bl property 1	300	Weekly	NULL	NULL
5	5597	Bl property 1	300	Weekly	NULL	NULL
6	5597	Bl property 1	300	Weekly	NULL	NULL
7	5597	Bl property 1	300	Weekly	NULL	NULL
8	5597	Bl property 1	300	Weekly	NULL	NULL
9	5597	Bl property 1	300	Weekly	NULL	NULL
10	5637	Bl property 2	400	Fortnightly	NULL	NULL
11	5638	Bl property 3	1000	Monthly	NULL	NULL

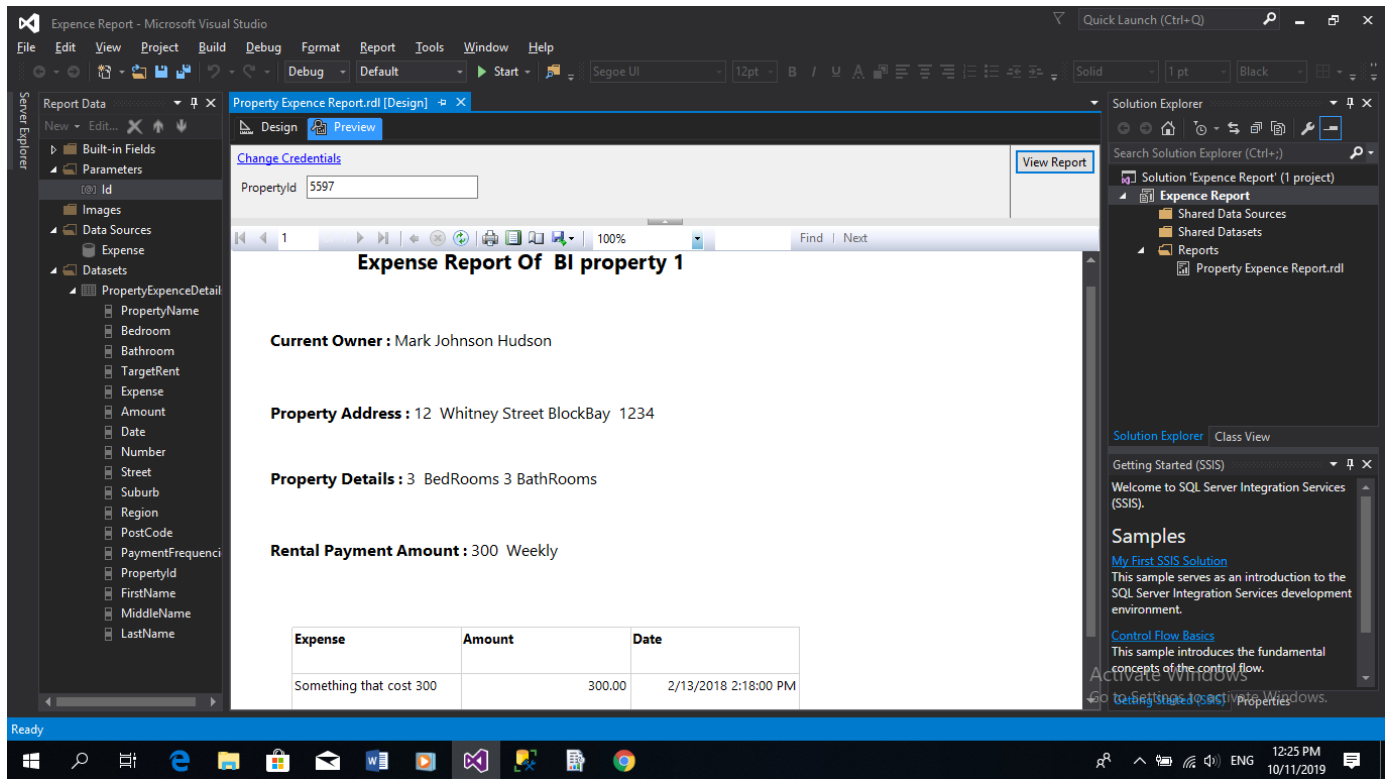
Query executed successfully. mvpstudio.cd\k15vm8weq.ap-southeast-2.rds.amazonaws.com\KeysOnboardUser (103) | Keys | 00:00:00 | 11 rows

2. Use Report Builder or Visual Studio (SSRS) to develop the following report:

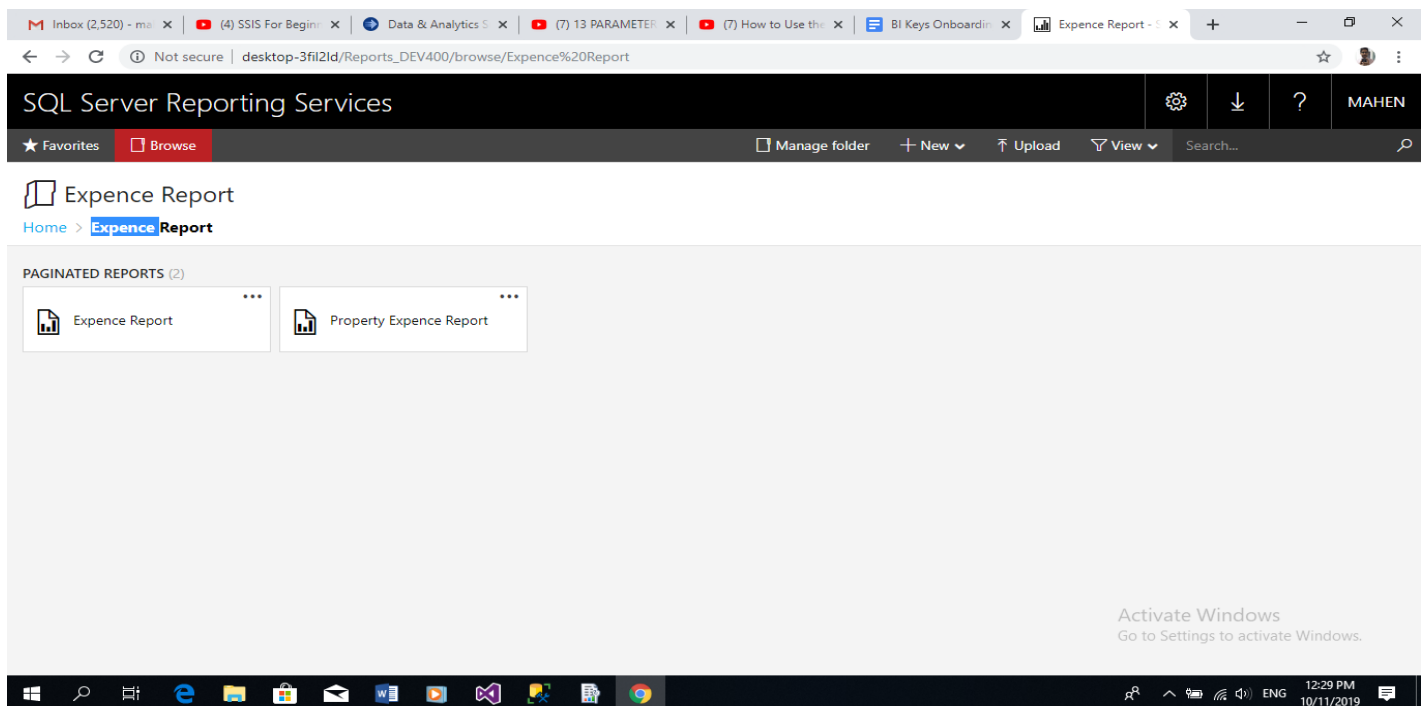
```
SELECT Property.Name AS
PropertyName,Property.Bedroom,Property.Bathroom,Property.TargetRent,
PropertyExpense.Description, PropertyExpense.Amount, PropertyExpense.Date,
Address.Number,Address.Street,Address.Suburb,Address.Region,Address.PostCode,
TenantPaymentFrequencies.Name AS PaymentFrequencies,
OwnerProperty.PropertyId,
Person.FirstName, Person.MiddleName, Person.LastName

FROM Property
INNER JOIN PropertyExpense ON Property.Id = PropertyExpense.PropertyId
INNER JOIN Address ON PropertyExpense.PropertyId = Address.AddressId
INNER JOIN TenantPaymentFrequencies ON TenantPaymentFrequencies.ID =
Property.TargetRentTypeId
INNER JOIN OwnerProperty ON OwnerProperty.PropertyID = PropertyExpense.PropertyId
INNER JOIN Person ON Person.id = OwnerProperty.Ownerid
```





Deploy the Report http://desktop-3fil2ld/Reports_DEV400/report/Expence%20Report/Property%20Expence%20Report



Final Report

The screenshot displays a web browser window with multiple tabs open. The active tab shows a URL starting with 'desktop-3fil2ld/Reports_DEV400/'. The page title is 'SQL Server Reporting Services'. The breadcrumb trail indicates the user is viewing a 'Property Expenditure Report' under the 'Expenditure Report' category. A 'Change Credentials' section is visible, featuring a 'PropertyId' field with the value '5597' and a 'View Report' button. The browser's status bar at the bottom shows '1 of 1' and a search bar.

Expense Report Of BI property 1

Current Owner : Mark Johnson Hudson

Property Address : 12 Whitney Street BlockBay 1234

Property Details : 3 BedRooms 3 BathRooms

Rental Payment Amount : 300 Weekly

Expense	Amount	Date
Something that cost 300	300.00	2/13/2018 2:18:00 PM

Activate Windows
Go to Settings to activate Windows.

