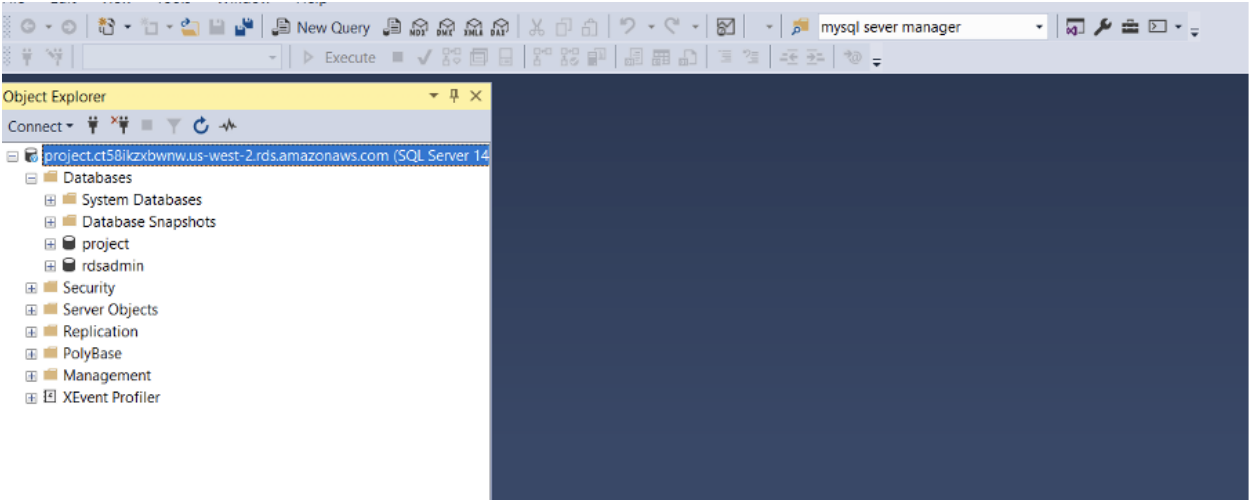
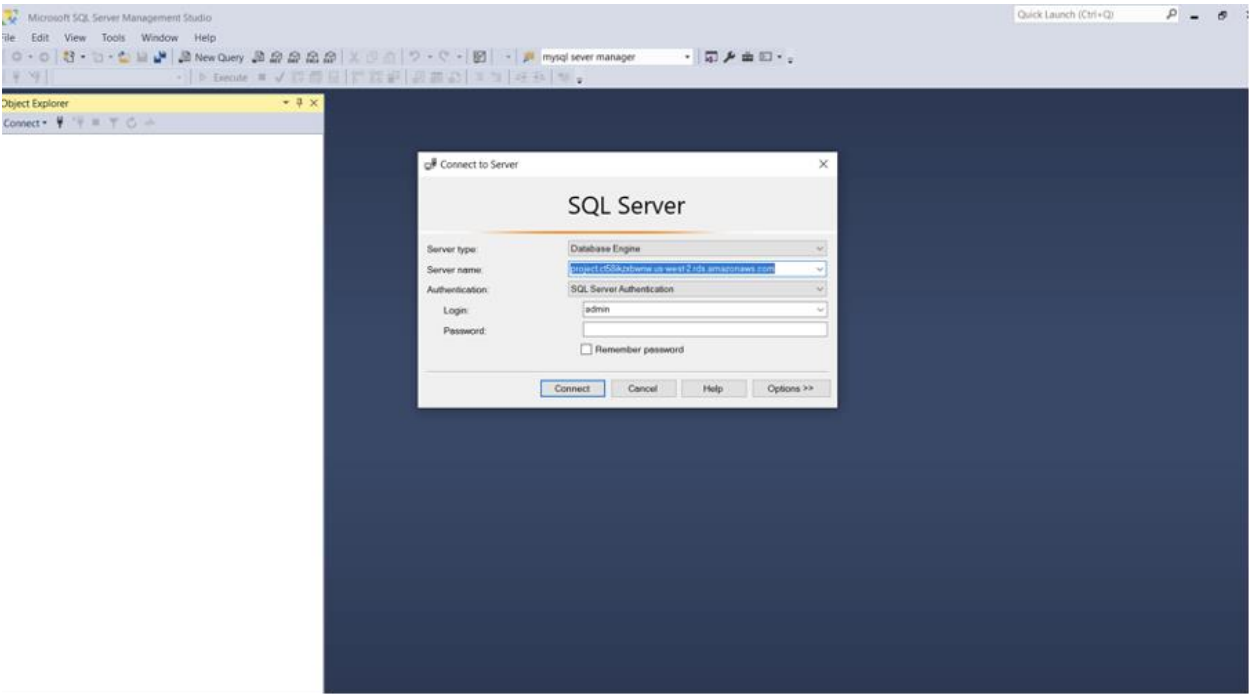
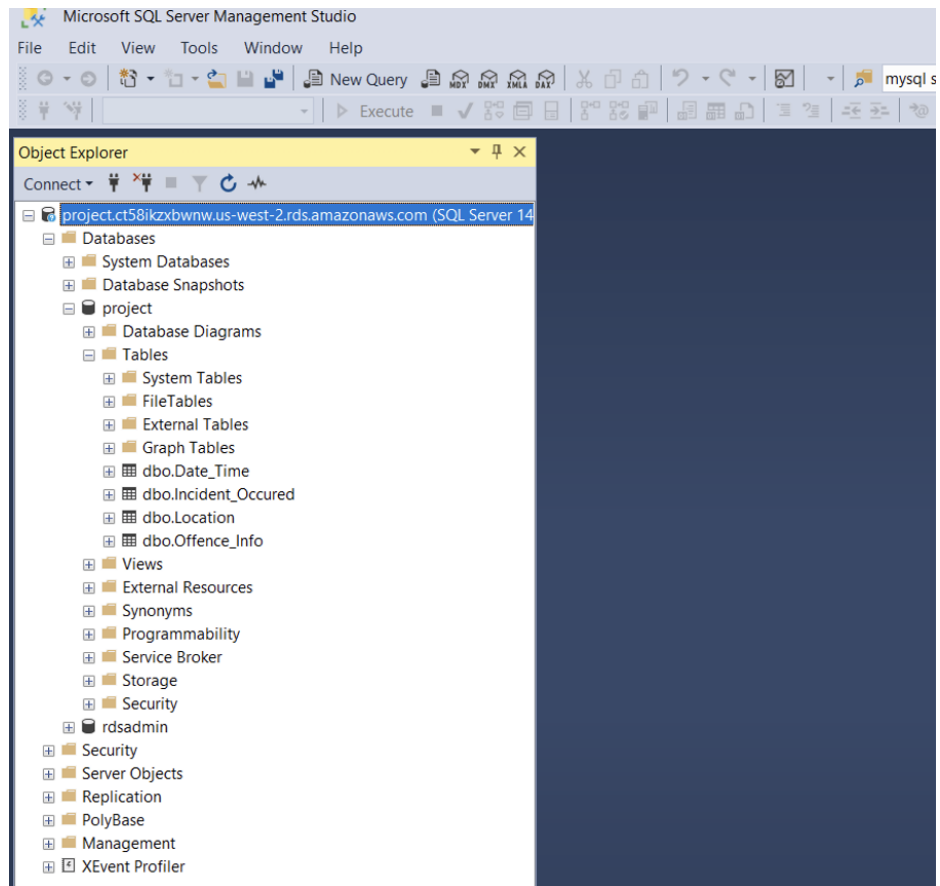







# AWS AND SQL Setup





# Case Studies

Object Explorer

Connect     

project.ct58ikzxbwnw.us-west-2.rds.amazonaws.com (SQL Server 14

Databases

System Databases

Database Snapshots

project

rdsadmin

Security

Server Objects

Replication

PolyBase

Management

XEvent Profiler

SQLQuery1.sql - pro...roject (admin (69))\*

Select REPORTING\_AREA,

month from date\_time inner join incident\_occured on

incident\_occured.incident\_number=date\_time.incident\_number

100 %

Results Messages

	REPORTING_AREA	month
1	326	6
2	286	6
3	238	6
4	377	6
5	450	6
6	312	6
7	448	6
8	583	6
9	364	7
10	427	7
11	434	7
12	281	7
13	462	7
14	612	7
15	322	7
16	309	7
17	308	7
18	914	7
19	313	7
20	304	7
21	420	7
22	329	7
23	330	7
24	281	7
25	425	7
26	901	7
27	307	7
28	444	7
29	941	7
30	305	7

Object Explorer

Connect ▾

project.ct58ikzxbwm.us-west-2.rds.amazonaws.com (SQL Server 14)

- Databases
  - System Databases
  - Database Snapshots
  - project
  - rdsadmin
  - Security
  - Server Objects
    - Replication
    - PolyBase
    - Management
    - XEvent Profiler

SQLQuery1.sql - pro...roject (admin (69))\*

```
Select REPORTING_AREA,  
location from location inner join incident_occured on  
incident_occured.incident_number=location.incident_number
```

100 % ▾

Results Messages

	REPORTING_AREA	location
1	326	(42.31161123, -71.07625600)
2	286	(42.33358389, -71.08554259)
3	238	(42.31780762, -71.06684990)
4	377	(42.29214062, -71.05202240)
5	450	(42.29041538, -71.07269542)
6	312	(42.31632131, -71.08923050)
7	448	(42.29384269, -71.07609427)
8	583	(42.32469169, -71.10618924)
9	364	(42.29026471, -71.06599003)
10	427	(42.27855984, -71.09199697)
11	434	(42.28621457, -71.07967740)
12	281	(42.32696802, -71.08051941)
13	462	(42.30116123, -71.07284279)
14	612	(42.33606304, -71.10782832)
15	322	(42.31512218, -71.08252020)
16	309	(42.31915702, -71.08601950)
17	308	(42.31996758, -71.08715022)
18	914	(42.32583998, -71.05463516)
19	313	(42.31705618, -71.08652731)
20	304	(42.32095696, -71.09680448)
21	420	(42.28028398, -71.08235497)
22	329	(42.30812619, -71.07692974)
23	330	(42.30649283, -71.08180677)
24	281	(42.32849143, -71.08121253)
25	425	(42.27294490, -71.09348933)
26	901	(42.33371742, -71.09665806)
27	307	(42.31488579, -71.09720699)
28	444	(42.29630559, -71.08134086)
29	941	(42.29396688, -71.11893964)
30	305	(42.32083820, -71.09018598)
31	429	(42.28378654, -71.08715810)
32	578	(42.31981996, -71.10429680)
33	318	(42.30956305, -71.08990197)
34	318	(42.31127726, -71.08909334)

Object Explorer

Connect ▾

Tables

- System Tables
- FileTables
- External Tables
- Graph Tables
- dbo.Date\_Time
  - Columns
    - column1 (int, not null)
    - INCIDENT\_NUMBER (PK, nvarchar(50), not null)
    - YEAR (int, not null)
    - MONTH (nvarchar(50), not null)
    - DAY\_OF\_WEEK (nvarchar(50), not null)
    - HOUR (nvarchar(50), not null)
  - Keys
  - Constraints
  - Triggers
  - Indexes
  - Statistics
- dbo.Incident\_Occured
- dbo.Location
- dbo.Offence\_Info
  - Columns
    - column1 (int, not null)
    - INCIDENT\_NUMBER (PK, nvarchar(50), not null)
    - OFFENSE\_CODE (int, not null)
    - OFFENSE\_CODE\_GROUP (nvarchar(50), not null)
    - OFFENSE\_DESCRIPTION (nvarchar(50), not null)
  - Keys
  - Constraints
  - Triggers
  - Indexes
  - Statistics
- Views
- External Resources
- Synonyms
- Programmability
- Service Broker

SQLQuery1.sql - pro...roject (admin (67))\*

```
Select REPORTING_AREA,  
OFFENSE_CODE from Offence_info inner join incident_occured on  
incident_occured.incident_number=offence_info.incident_number
```

100 % ▾

Results Messages

	REPORTING_AREA	OFFENSE_CODE
1	326	413
2	286	413
3	238	1501
4	377	413
5	450	413
6	312	413
7	448	413
8	583	1402
9	364	413
10	427	413
11	434	423
12	281	3001
13	462	413
14	612	413
15	322	111
16	309	413
17	308	413
18	914	301
19	313	413
20	304	413
21	420	413
22	329	413
23	330	413
24	281	413
25	425	413
26	901	413
27	307	413
28	444	413
29	941	111
30	305	413
31	429	413
32	578	413
33	318	413
34	318	413