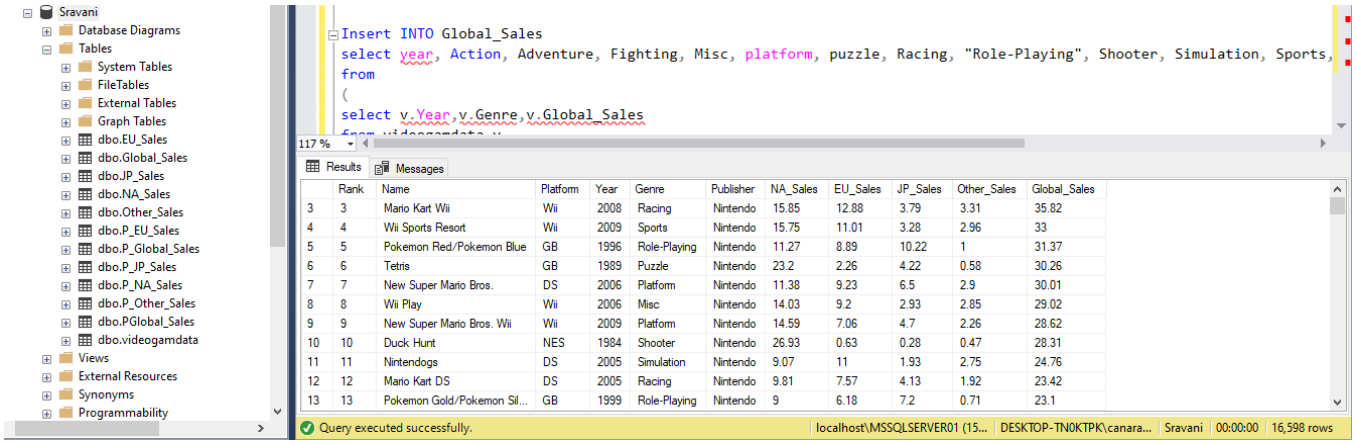
Name: Megha Sravani Lavu
CSU ID: 2762646
Description: Filtered the game data for previous 10 years by Genre and 5 years by Platform and then analyzed using pivot charts in Excel.

Procedure:

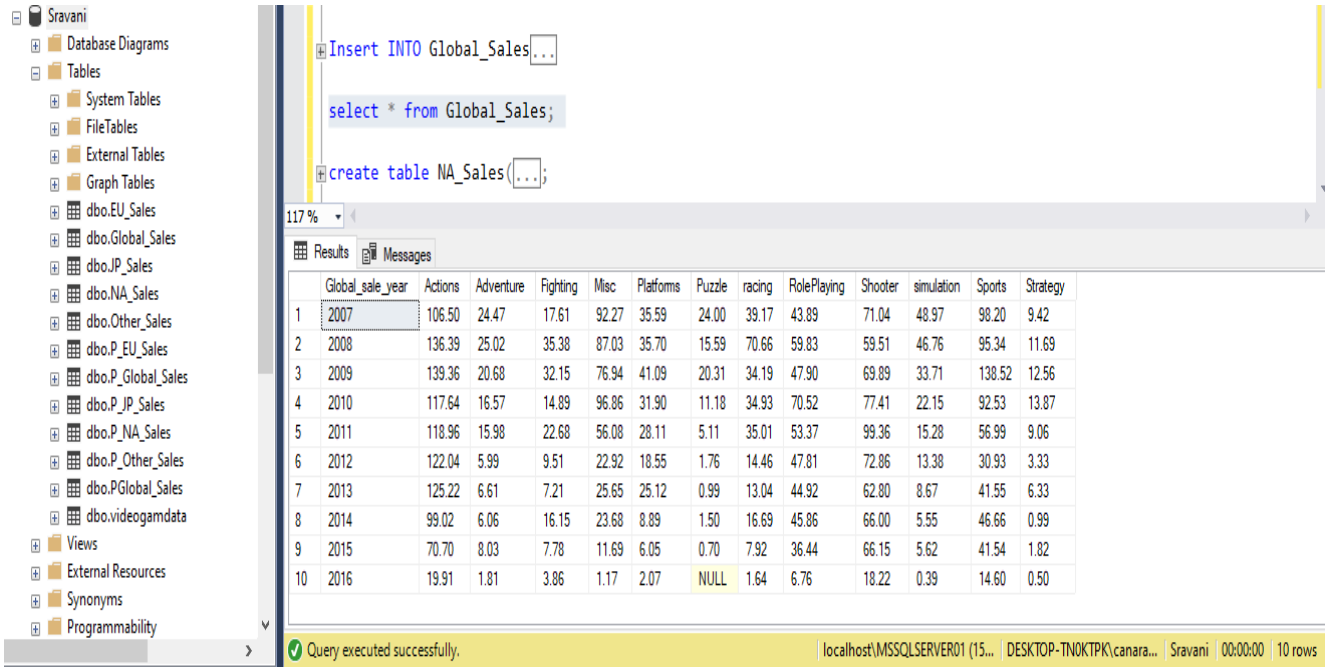
Imported the Game data using Sravani-> Tasks->Import data and then selected source and destination and then if I click on finish, the data is imported from excel to Table Videogamdata

```
select * from videogamdata
```

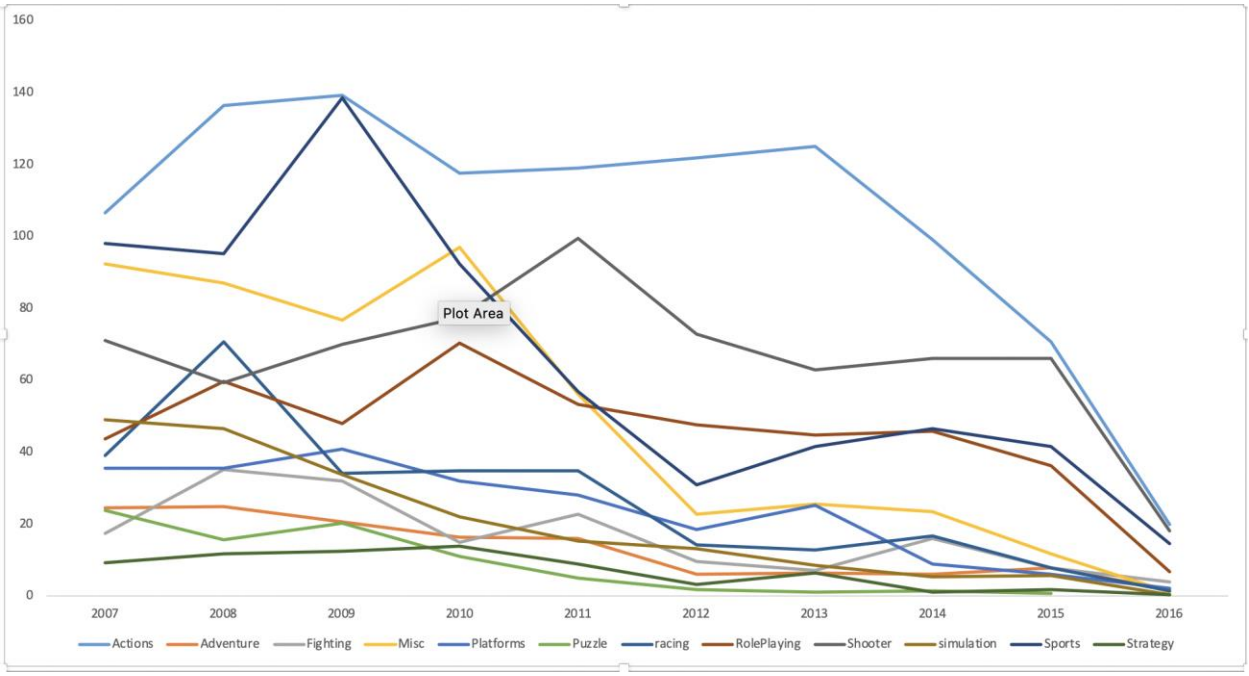



```
--Table for Global sales which are sorted by year and Genre

create table Global_Sales(
Global_sale_year Int,
Actions decimal(5,2),
Adventure decimal(5,2),
Fighting decimal(5,2),
Misc decimal(5,2),
Platforms decimal(5,2),
Puzzle decimal(5,2),
racing decimal(5,2),
RolePlaying decimal(5,2),
Shooter decimal(5,2),
simulation decimal(5,2),
Sports decimal(5,2),
Strategy decimal(5,2)
);
```

```
Insert INTO Global_Sales
select year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-Playing",
Shooter, Simulation, Sports, Strategy
from
(
select v.Year,v.Genre,v.Global_Sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
)AS derivedtable
PIVOT(
 sum(Global_Sales)
 for Genre
 IN([Action], [Adventure], [Fighting], [Misc], [platform], [puzzle], [Racing], "Role-
Playing", [Shooter], [Simulation], [Sports], [Strategy])
)
AS PivotTable
group by year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-
Playing", Shooter, Simulation, Sports, Strategy

select * from Global_Sales;
```



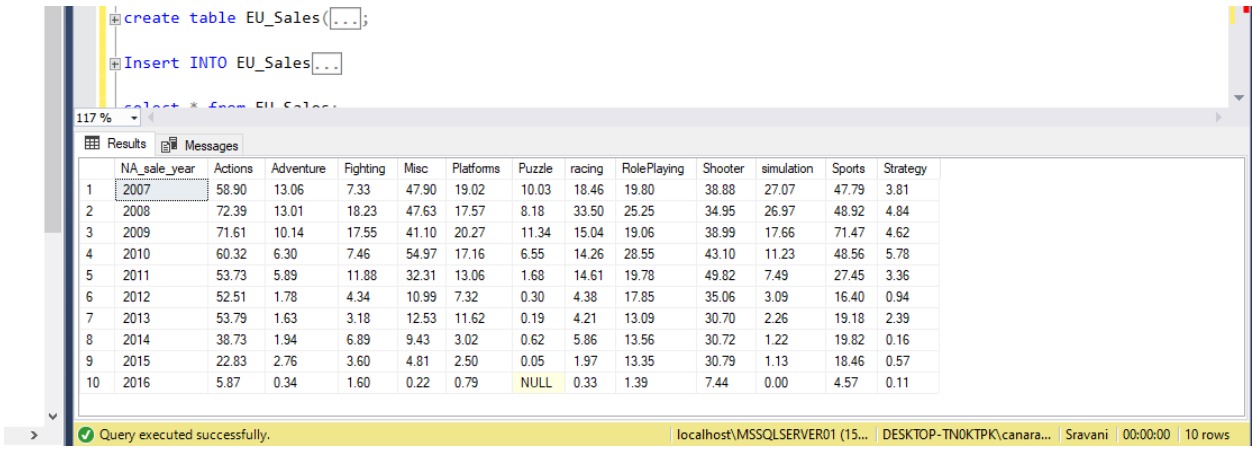
	Global_sale_year	Actions	Adventure	Fighting	Misc	Platforms	Puzzle	racing	RolePlaying	Shooter	simulation	Sports	Strategy
1	2007	106.50	24.47	17.61	92.27	35.59	24.00	39.17	43.89	71.04	48.97	98.20	9.42
2	2008	136.39	25.02	35.38	87.03	35.70	15.59	70.66	59.83	59.51	46.76	95.34	11.69
3	2009	139.36	20.68	32.15	76.94	41.09	20.31	34.19	47.90	69.89	33.71	138.52	12.56
4	2010	117.64	16.57	14.89	96.86	31.90	11.18	34.93	70.52	77.41	22.15	92.53	13.87
5	2011	118.96	15.98	22.68	56.08	28.11	5.11	35.01	53.37	99.36	15.28	56.99	9.06
6	2012	122.04	5.99	9.51	22.92	18.55	1.76	14.46	47.81	72.86	13.38	30.93	3.33
7	2013	125.22	6.61	7.21	25.65	25.12	0.99	13.04	44.92	62.80	8.67	41.55	6.33
8	2014	99.02	6.06	16.15	23.68	8.89	1.50	16.69	45.86	66.00	5.55	46.66	0.99
9	2015	70.70	8.03	7.78	11.69	6.05	0.70	7.92	36.44	66.15	5.62	41.54	1.82
10	2016	19.91	1.81	3.86	1.17	2.07	NULL	1.64	6.76	18.22	0.39	14.60	0.50



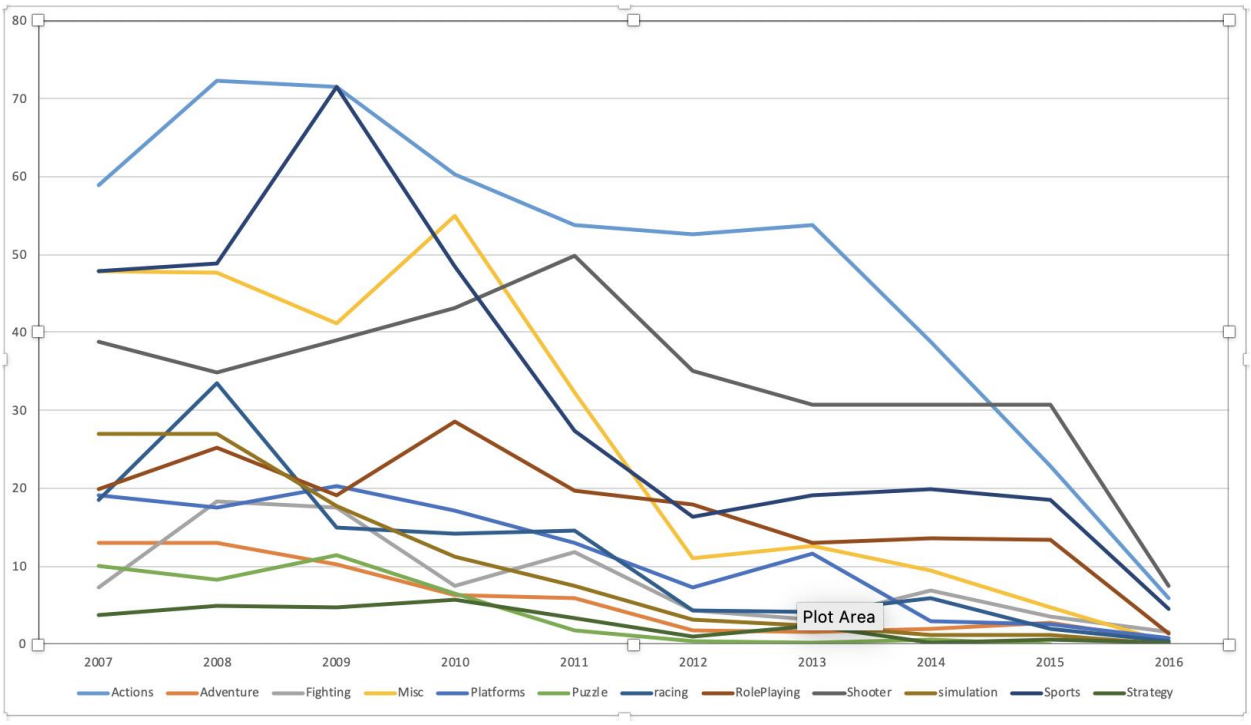
Better to choose in 2017: Action

```
--Table for NA sales which are sorted by year and Genre


create table NA_Sales(
NA_sale_year Int,
Actions decimal(5,2),
Adventure decimal(5,2),
Fighting decimal(5,2),
Misc decimal(5,2),
Platforms decimal(5,2),
Puzzle decimal(5,2),
racing decimal(5,2),
RolePlaying decimal(5,2),
Shooter decimal(5,2),
simulation decimal(5,2),
Sports decimal(5,2),
Strategy decimal(5,2)
);

Insert INTO NA_Sales
select year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-Playing",
Shooter, Simulation, Sports, Strategy
from
(
select v.Year,v.Genre,v.NA_Sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(NA_Sales)
```

```
 for Genre
 IN([Action], [Adventure], [Fighting], [Misc], [platform], [puzzle], [Racing], "Role-
Playing", [Shooter], [Simulation], [Sports], [Strategy])
)
AS PivotTable
group by year,Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-
Playing", Shooter, Simulation, Sports, Strategy

select * from NA_Sales;
```

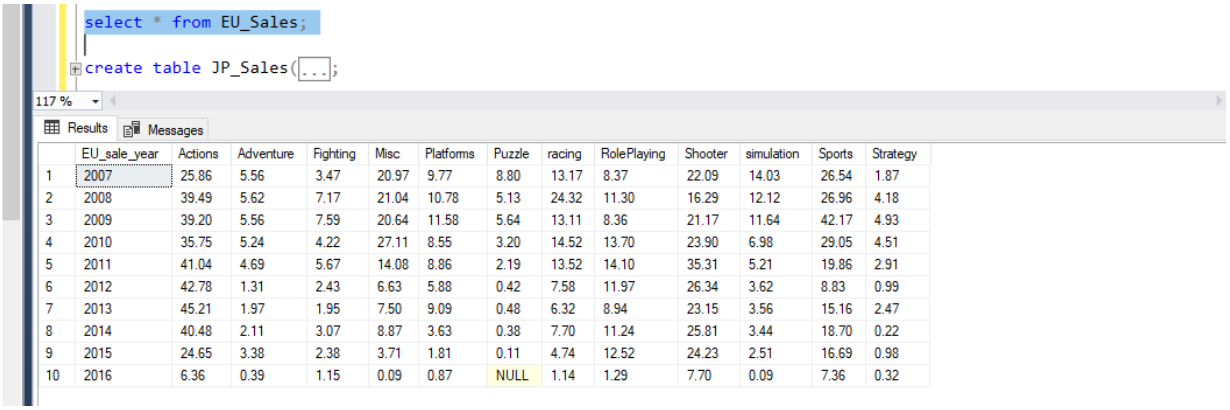


	NA_sale_year	Actions	Adventure	Fighting	Misc	Platforms	Puzzle	racing	RolePlaying	Shooter	simulation	Sports	Strategy
1	2007	58.90	13.06	7.33	47.90	19.02	10.03	18.46	19.80	38.88	27.07	47.79	3.81
2	2008	72.39	13.01	18.23	47.63	17.57	8.18	33.50	25.25	34.95	26.97	48.92	4.84
3	2009	71.61	10.14	17.55	41.10	20.27	11.34	15.04	19.06	38.99	17.66	71.47	4.62
4	2010	60.32	6.30	7.46	54.97	17.16	6.55	14.26	28.55	43.10	11.23	48.56	5.78
5	2011	53.73	5.89	11.88	32.31	13.06	1.68	14.61	19.78	49.82	7.49	27.45	3.36
6	2012	52.51	1.78	4.34	10.99	7.32	0.30	4.38	17.85	35.06	3.09	16.40	0.94
7	2013	53.79	1.63	3.18	12.53	11.62	0.19	4.21	13.09	30.70	2.26	19.18	2.39
8	2014	38.73	1.94	6.89	9.43	3.02	0.62	5.86	13.56	30.72	1.22	19.82	0.16
9	2015	22.83	2.76	3.60	4.81	2.50	0.05	1.97	13.35	30.79	1.13	18.46	0.57
10	2016	5.87	0.34	1.60	0.22	0.79	NULL	0.33	1.39	7.44	0.00	4.57	0.11



Better to choose in 2017: Action

```
--Table for EU sales which are sorted by year and Genre


create table EU_Sales(
EU_sale_year Int,
Actions decimal(5,2),
Adventure decimal(5,2),
Fighting decimal(5,2),
Misc decimal(5,2),
Platforms decimal(5,2),
Puzzle decimal(5,2),
racing decimal(5,2),
RolePlaying decimal(5,2),
Shooter decimal(5,2),
simulation decimal(5,2),
Sports decimal(5,2),
Strategy decimal(5,2)
);

Insert INTO EU_Sales
select year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-Playing",
Shooter, Simulation, Sports, Strategy
from
(
select v.Year,v.Genre,v.EU_Sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(EU_Sales)
 for Genre
 IN([Action], [Adventure], [Fighting], [Misc], [platform], [puzzle], [Racing], "Role-
Playing", [Shooter], [Simulation], [Sports], [Strategy])
)
AS PivotTable
group by year,Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-
Playing", Shooter, Simulation, Sports, Strategy

select * from EU_Sales;
```



```
select * from EU_Sales;
create table JP_Sales(...;
```

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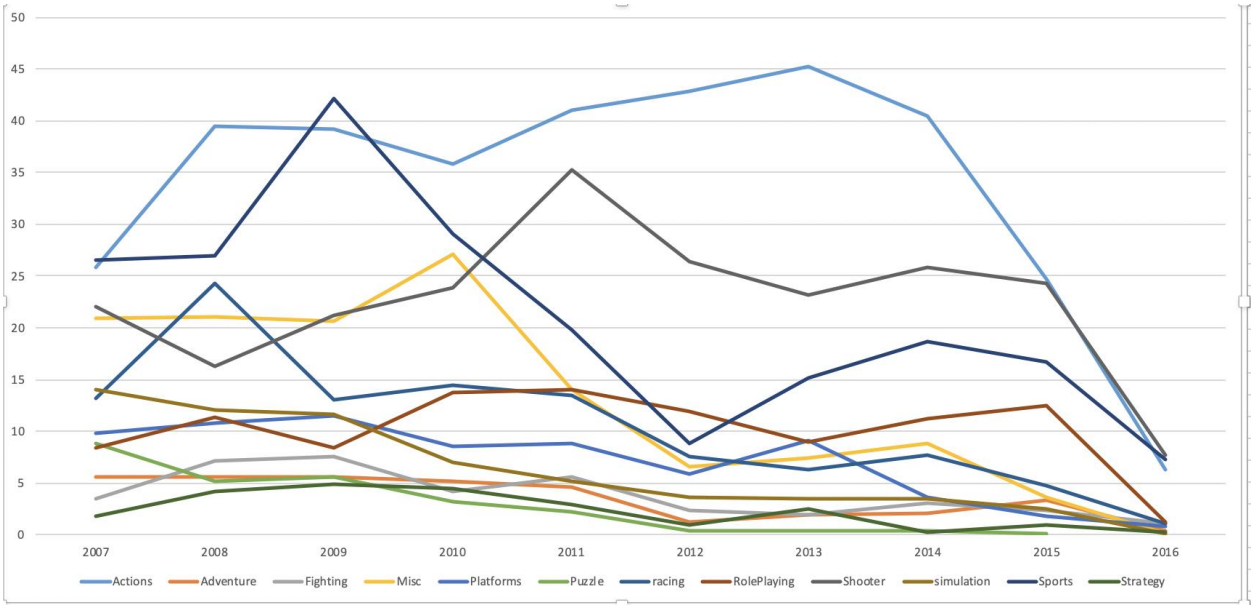
Results | Messages

	EU_sale_year	Actions	Adventure	Fighting	Misc	Platforms	Puzzle	racing	RolePlaying	Shooter	simulation	Sports	Strategy
1	2007	25.86	5.56	3.47	20.97	9.77	8.80	13.17	8.37	22.09	14.03	26.54	1.87
2	2008	39.49	5.62	7.17	21.04	10.78	5.13	24.32	11.30	16.29	12.12	26.96	4.18
3	2009	39.20	5.56	7.59	20.64	11.58	5.64	13.11	8.36	21.17	11.64	42.17	4.93
4	2010	35.75	5.24	4.22	27.11	8.55	3.20	14.52	13.70	23.90	6.98	29.05	4.51
5	2011	41.04	4.69	5.67	14.08	8.86	2.19	13.52	14.10	35.31	5.21	19.86	2.91
6	2012	42.78	1.31	2.43	6.63	5.88	0.42	7.58	11.97	26.34	3.62	8.83	0.99
7	2013	45.21	1.97	1.95	7.50	9.09	0.48	6.32	8.94	23.15	3.56	15.16	2.47
8	2014	40.48	2.11	3.07	8.87	3.63	0.38	7.70	11.24	25.81	3.44	18.70	0.22
9	2015	24.65	3.38	2.38	3.71	1.81	0.11	4.74	12.52	24.23	2.51	16.69	0.98
10	2016	6.36	0.39	1.15	0.09	0.87	NULL	1.14	1.29	7.70	0.09	7.36	0.32



Better to choose in 2017: Action

```
--Table for JP sales which are sorted by year and Genre



create table JP_Sales(
JP_sale_year Int,
Actions decimal(5,2),
Adventure decimal(5,2),
Fighting decimal(5,2),
Misc decimal(5,2),
Platforms decimal(5,2),
Puzzle decimal(5,2),
racing decimal(5,2),
RolePlaying decimal(5,2),
Shooter decimal(5,2),
simulation decimal(5,2),
Sports decimal(5,2),
Strategy decimal(5,2)
);

Insert INTO JP_Sales
select year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-Playing",
Shooter, Simulation, Sports, Strategy
from
(
select v.Year,v.Genre,v.JP_Sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(JP_Sales)
 for Genre
```

```
 IN([Action], [Adventure], [Fighting], [Misc], [platform], [puzzle], [Racing], "Role-
Playing", [Shooter], [Simulation], [Sports], [Strategy])
)
AS PivotTable
group by year,Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-
Playing", Shooter, Simulation, Sports, Strategy

select * from JP_Sales;
```

```
select * from JP_Sales;

create table Other_Sales(...;
```

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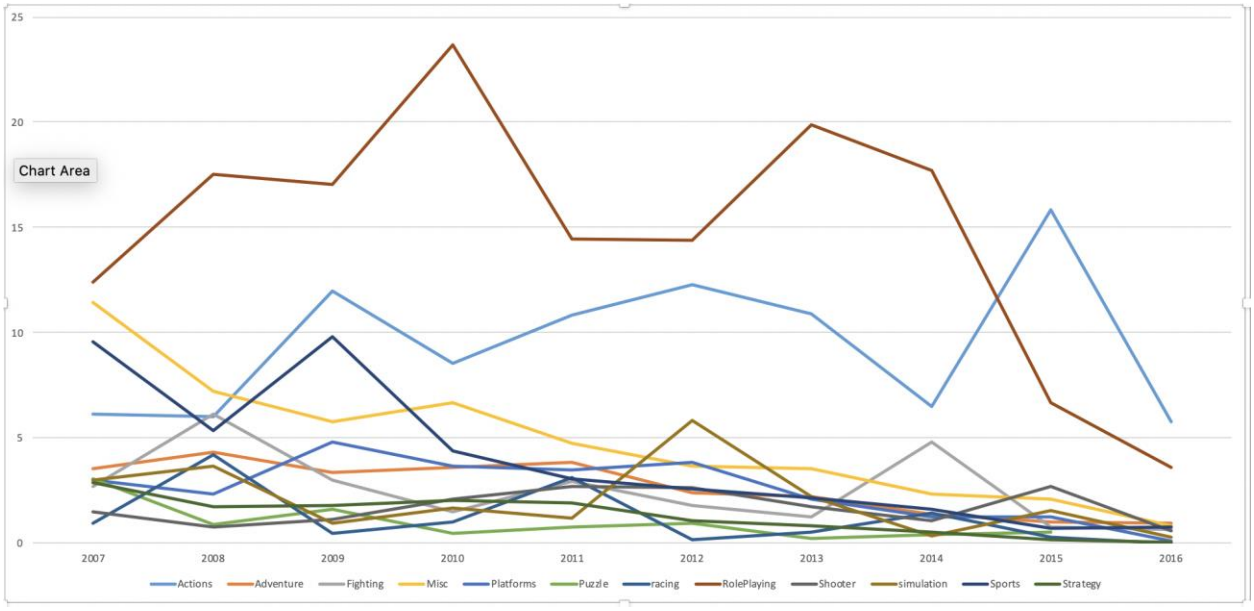
Results | Messages

	JP_sale_year	Actions	Adventure	Fighting	Misc	Platforms	Puzzle	racing	RolePlaying	Shooter	simulation	Sports	Strategy
1	2007	6.13	3.55	2.73	11.46	2.98	3.06	0.94	12.43	1.53	3.02	9.59	2.87
2	2008	6.00	4.34	6.15	7.24	2.36	0.92	4.21	17.51	0.77	3.66	5.37	1.73
3	2009	11.96	3.35	3.02	5.80	4.84	1.65	0.50	17.07	1.12	0.95	9.81	1.82
4	2010	8.58	3.60	1.52	6.69	3.68	0.49	1.04	23.67	2.12	1.66	4.42	2.02
5	2011	10.82	3.83	2.94	4.74	3.49	0.77	3.12	14.43	2.69	1.23	3.08	1.90
6	2012	12.30	2.42	1.79	3.66	3.84	0.96	0.20	14.39	2.62	5.86	2.59	1.11
7	2013	10.88	2.22	1.28	3.58	2.08	0.25	0.54	19.86	1.73	2.20	2.15	0.82
8	2014	6.50	1.36	4.80	2.36	1.26	0.41	1.46	17.71	1.08	0.37	1.60	0.55
9	2015	15.85	1.04	0.79	2.10	1.29	0.52	0.28	6.71	2.69	1.58	0.72	0.15
10	2016	5.79	0.97	0.64	0.81	0.11	NULL	0.01	3.63	0.61	0.30	0.78	0.05



Better to choose in 2017: Roleplaying

```
--Table for Other sales which are sorted by year and Genre

create table Other_Sales(
Other_sale_year Int,
Actions decimal(5,2),
Adventure decimal(5,2),
Fighting decimal(5,2),
Misc decimal(5,2),
Platforms decimal(5,2),
Puzzle decimal(5,2),
racing decimal(5,2),
RolePlaying decimal(5,2),
Shooter decimal(5,2),
simulation decimal(5,2),
Sports decimal(5,2),
Strategy decimal(5,2)
);

Insert INTO Other_Sales
select year, Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-Playing",
Shooter, Simulation, Sports, Strategy
from
(
select v.Year,v.Genre,v.Other_Sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(Other_Sales)
 for Genre
 IN([Action], [Adventure], [Fighting], [Misc], [platform], [puzzle], [Racing], "Role-
Playing", [Shooter], [Simulation], [Sports], [Strategy])
)
AS PivotTable
group by year,Action, Adventure, Fighting, Misc, platform, puzzle, Racing, "Role-
Playing", Shooter, Simulation, Sports, Strategy

select * from Other_Sales;
```

```
select * from Other_Sales;
```

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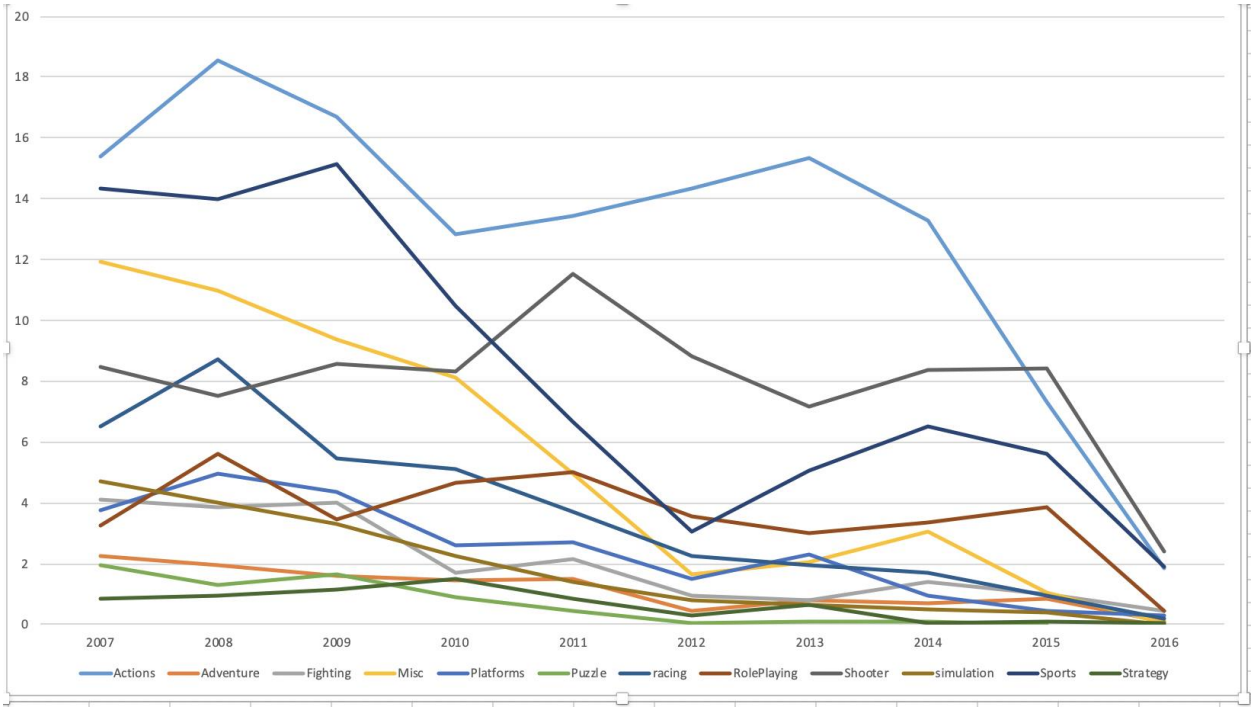
Results | Messages

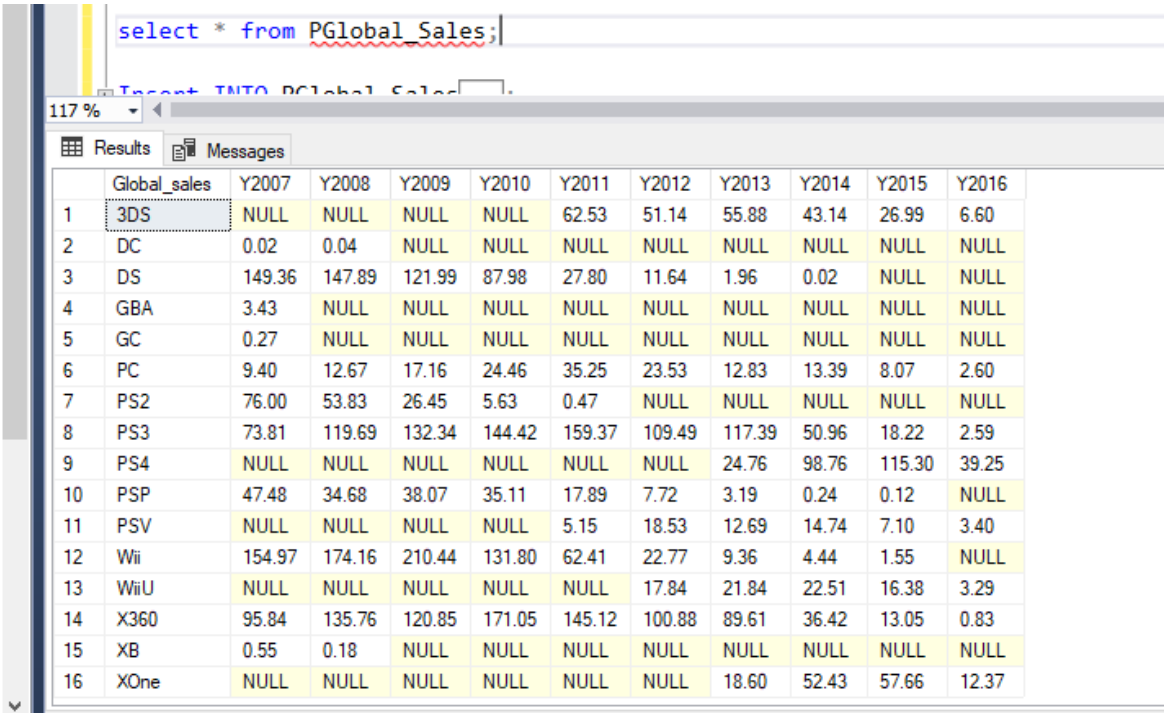
	Other_sale_year	Actions	Adventure	Fighting	Misc	Platforms	Puzzle	racing	RolePlaying	Shooter	simulation	Sports	Strategy
1	2007	15.40	2.27	4.10	11.95	3.76	1.94	6.53	3.26	8.49	4.73	14.32	0.85
2	2008	18.55	1.94	3.86	11.00	4.94	1.30	8.70	5.63	7.50	4.03	13.99	0.95
3	2009	16.67	1.62	4.02	9.36	4.37	1.65	5.47	3.47	8.56	3.30	15.14	1.14
4	2010	12.85	1.45	1.68	8.12	2.59	0.91	5.11	4.64	8.32	2.23	10.49	1.51
5	2011	13.41	1.52	2.16	4.94	2.71	0.46	3.72	5.01	11.53	1.40	6.67	0.86
6	2012	14.36	0.44	0.97	1.65	1.52	0.06	2.27	3.56	8.82	0.80	3.08	0.29
7	2013	15.33	0.79	0.82	2.05	2.30	0.08	1.95	3.00	7.15	0.66	5.05	0.64
8	2014	13.30	0.68	1.39	3.07	0.96	0.10	1.69	3.38	8.38	0.51	6.52	0.04
9	2015	7.33	0.85	1.01	1.04	0.45	0.01	0.93	3.85	8.41	0.39	5.62	0.12
10	2016	1.83	0.11	0.46	0.03	0.31	NULL	0.19	0.44	2.42	0.00	1.92	0.04



Better to choose in 2017: Action

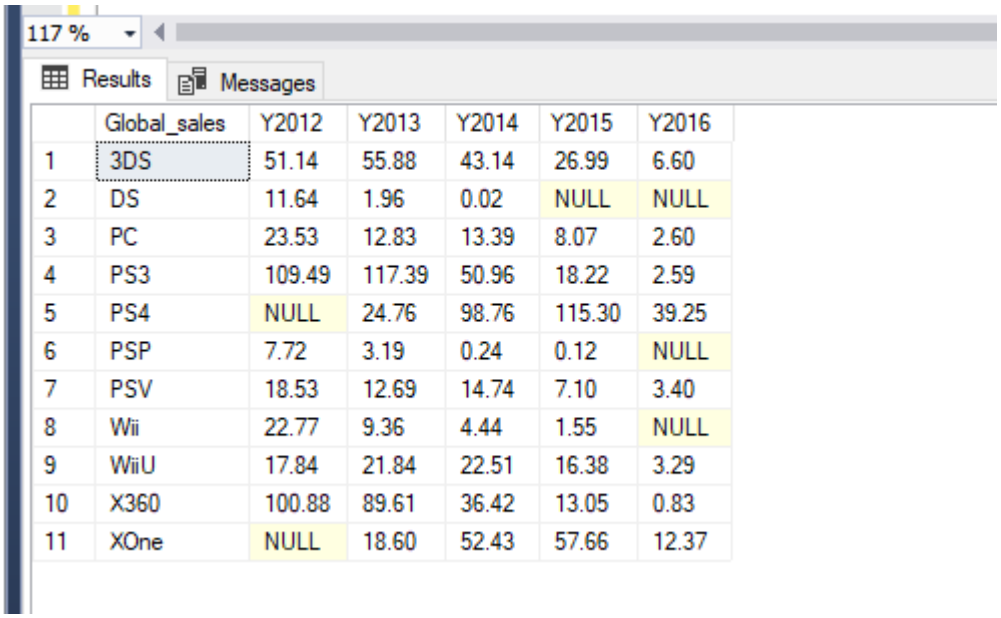
```
--Table for Global sales which are sorted by year and Platform(10 years)

create table PGlobal_Sales(
Global_sales varchar(50),
Y2007 decimal(7,2),
Y2008 decimal(7,2),
Y2009 decimal(7,2),
Y2010 decimal(7,2),
Y2011 decimal(7,2),
Y2012 decimal(7,2),
```

```
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table PGlobal_Sales;

select * from PGlobal_Sales;

Insert INTO PGlobal_Sales
select Platform, [2007], [2008], [2009],[2010],[2011], [2012], [2013],[2014], [2015],
[2016]
from
(
select v.Platform,v.year,v.Global_sales
from videogamdata v
where v.Year > 2006 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(Global_Sales)
 for Year
 IN([2007], [2008], [2009], [2010], [2011], [2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform,[2007], [2008], [2009], [2010], [2011], [2012], [2013], [2014], [2015],
[2016];
```



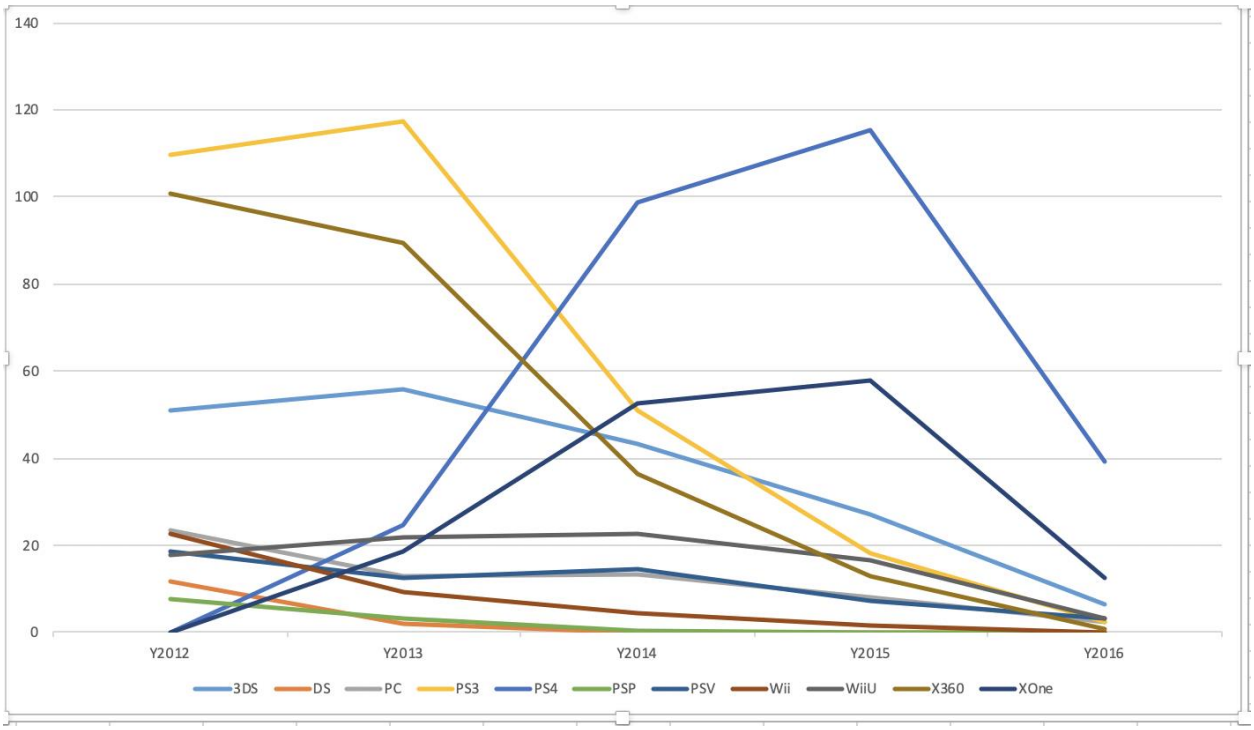
	Global_sales	Y2007	Y2008	Y2009	Y2010	Y2011	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	NULL	NULL	NULL	NULL	62.53	51.14	55.88	43.14	26.99	6.60
2	DC	0.02	0.04	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
3	DS	149.36	147.89	121.99	87.98	27.80	11.64	1.96	0.02	NULL	NULL
4	GBA	3.43	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5	GC	0.27	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
6	PC	9.40	12.67	17.16	24.46	35.25	23.53	12.83	13.39	8.07	2.60
7	PS2	76.00	53.83	26.45	5.63	0.47	NULL	NULL	NULL	NULL	NULL
8	PS3	73.81	119.69	132.34	144.42	159.37	109.49	117.39	50.96	18.22	2.59
9	PS4	NULL	NULL	NULL	NULL	NULL	NULL	24.76	98.76	115.30	39.25
10	PSP	47.48	34.68	38.07	35.11	17.89	7.72	3.19	0.24	0.12	NULL
11	PSV	NULL	NULL	NULL	NULL	5.15	18.53	12.69	14.74	7.10	3.40
12	Wii	154.97	174.16	210.44	131.80	62.41	22.77	9.36	4.44	1.55	NULL
13	WiiU	NULL	NULL	NULL	NULL	NULL	17.84	21.84	22.51	16.38	3.29
14	X360	95.84	135.76	120.85	171.05	145.12	100.88	89.61	36.42	13.05	0.83
15	XB	0.55	0.18	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
16	XOne	NULL	NULL	NULL	NULL	NULL	NULL	18.60	52.43	57.66	12.37

```
-- considering Global Sales for 10 years it is understood that few platforms are no
longer used
 -- Those are DC, GBA, GC, PS2, XB are not used for past 5 years so, let's consider sales
for 5 years

--Table for Global sales which are sorted by year and Platform

create table P_Global_Sales(
Global_sales varchar(50),
Y2012 decimal(7,2),
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table P_Global_Sales;

select * from P_Global_Sales;

Insert INTO P_Global_Sales
select Platform, [2012], [2013],[2014], [2015], [2016]
from
(
select v.Platform,v.year,v.Global_sales
from videogamdata v
where v.Year > 2011 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(Global_Sales)
 for Year
 IN([2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform,[2012], [2013], [2014], [2015], [2016];
```


117 %

Results | Messages

	Global_sales	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	51.14	55.88	43.14	26.99	6.60
2	DS	11.64	1.96	0.02	NULL	NULL
3	PC	23.53	12.83	13.39	8.07	2.60
4	PS3	109.49	117.39	50.96	18.22	2.59
5	PS4	NULL	24.76	98.76	115.30	39.25
6	PSP	7.72	3.19	0.24	0.12	NULL
7	PSV	18.53	12.69	14.74	7.10	3.40
8	Wii	22.77	9.36	4.44	1.55	NULL
9	WiiU	17.84	21.84	22.51	16.38	3.29
10	X360	100.88	89.61	36.42	13.05	0.83
11	XOne	NULL	18.60	52.43	57.66	12.37



Better to choose in 2017: 3DS

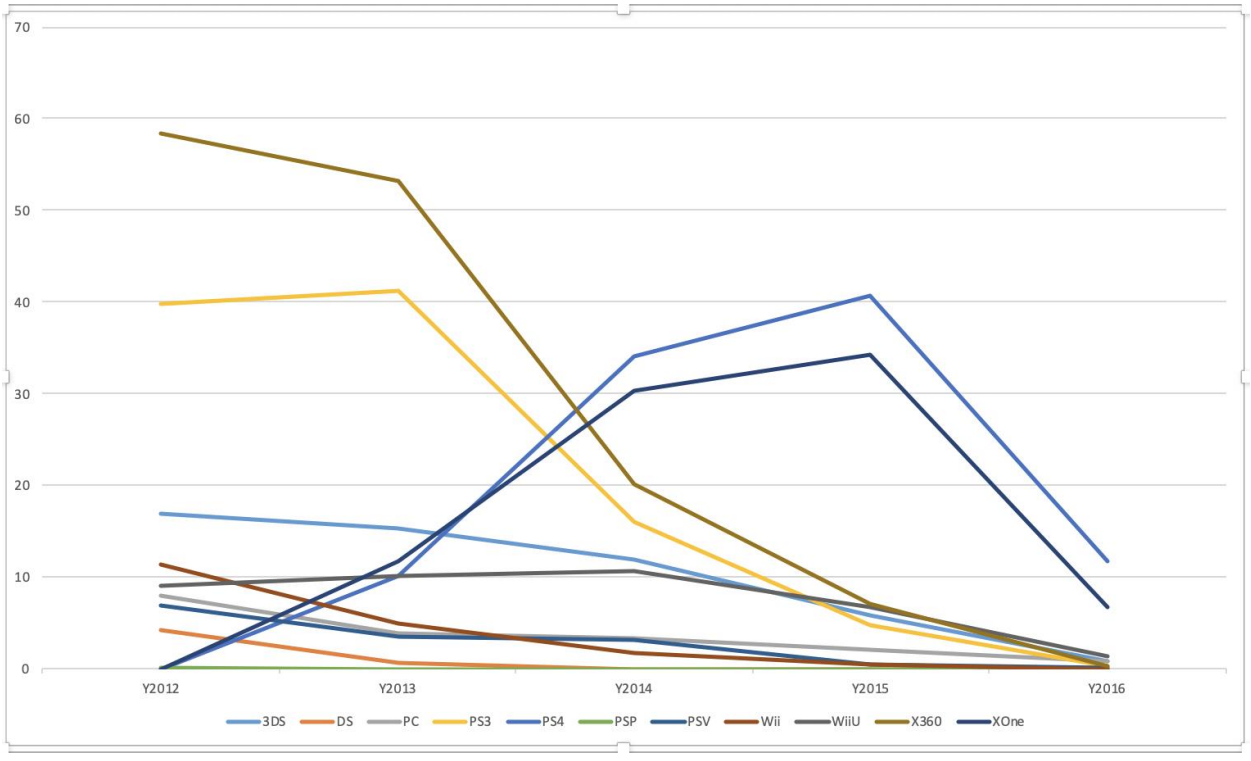
```
--Table for NA sales which are sorted by year and Platform

create table P_NA_Sales(
NA_sales varchar(50),
Y2012 decimal(7,2),
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table P_NA_Sales;

select * from P_NA_Sales;

Insert INTO P_NA_Sales
select Platform, [2012], [2013],[2014], [2015], [2016]
from
(
select v.Platform,v.year,v.NA_sales
from videogamdata v
where v.Year > 2011 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(NA_Sales)
 for Year
 IN( [2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform, [2012], [2013], [2014], [2015], [2016];
```

```
select * from P_NA_Sales;

Insert INTO P_NA_Sales...;
```

117 %

Results | Messages

	NA_sales	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	17.04	15.33	12.03	5.82	0.83
2	DS	4.21	0.72	0.02	NULL	NULL
3	PC	7.95	3.84	3.40	2.20	0.84
4	PS3	39.80	41.31	16.12	4.76	0.40
5	PS4	NULL	10.09	34.09	40.76	11.86
6	PSP	0.13	0.00	0.00	0.00	NULL
7	PSV	6.92	3.49	3.21	0.54	0.19
8	Wii	11.46	4.91	1.82	0.57	NULL
9	WiiU	9.13	10.15	10.78	6.77	1.49
10	X360	58.32	53.13	20.09	7.11	0.36
11	XOne	NULL	11.80	30.41	34.29	6.69



Better to choose in 2017: 3DS

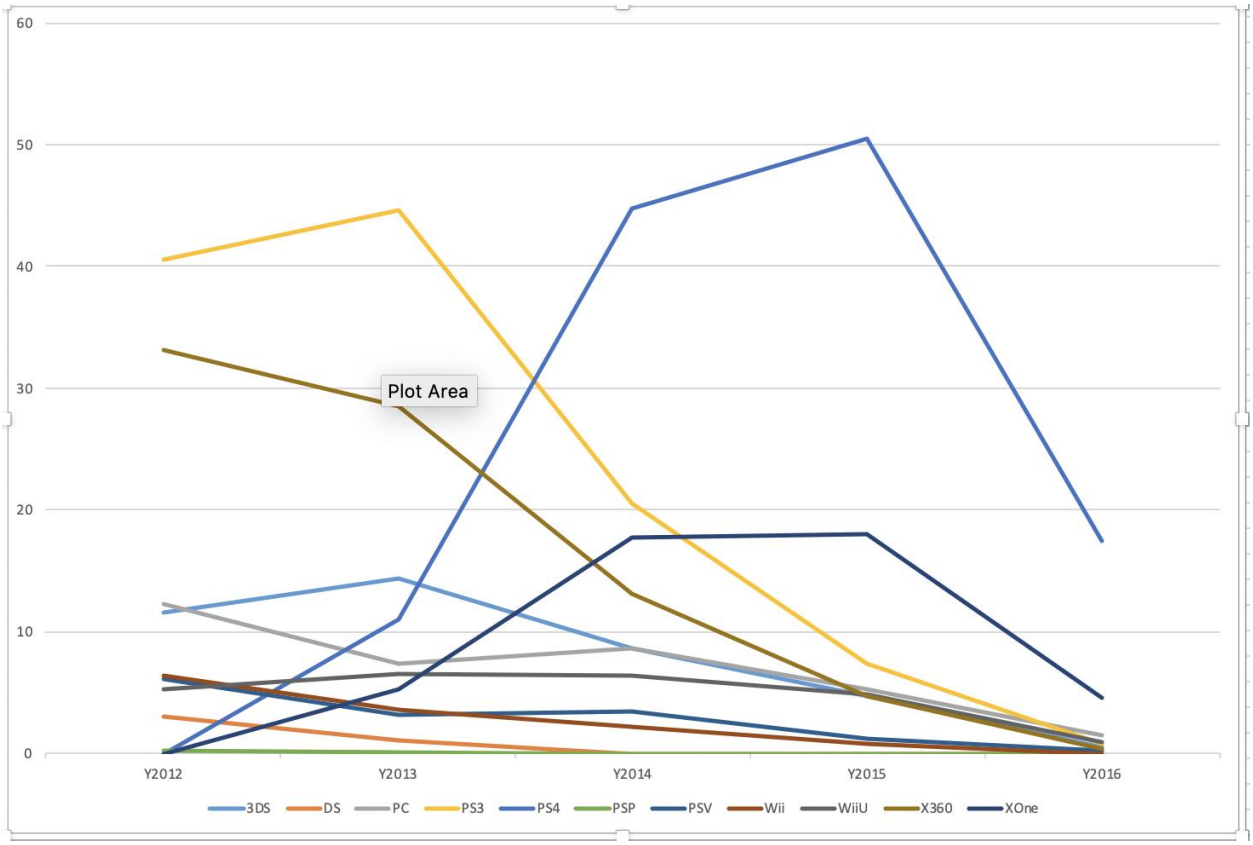
```
--Table for EU sales which are sorted by year and Platform

create table P_EU_Sales(
EU_sales varchar(50),
Y2012 decimal(7,2),
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table P_EU_Sales;

select * from P_EU_Sales;

Insert INTO P_EU_Sales
select Platform, [2012], [2013],[2014], [2015], [2016]
from
(
select v.Platform,v.year,v.EU_sales
from videogamdata v
where v.Year > 2011 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(EU_Sales)
 for Year
 IN( [2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform, [2012], [2013], [2014], [2015], [2016];
```

```
select * from P_EU_Sales;

Insert INTO P_EU_Sales...;

create table P_JP_Sales(...;
```

117 %

Results | Messages

	EU_sales	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	11.59	14.34	8.61	4.77	0.57
2	DS	3.04	1.07	0.00	NULL	NULL
3	PC	12.36	7.34	8.62	5.28	1.59
4	PS3	40.55	44.66	20.57	7.43	0.80
5	PS4	NULL	10.99	44.80	50.43	17.48
6	PSP	0.26	0.19	0.00	0.00	NULL
7	PSV	6.17	3.15	3.48	1.28	0.30
8	Wii	6.39	3.61	2.25	0.87	NULL
9	WiiU	5.25	6.60	6.49	4.90	0.99
10	X360	33.17	28.56	13.08	4.77	0.40
11	XOne	NULL	5.29	17.75	17.98	4.63



Better to choose in 2017: PS4

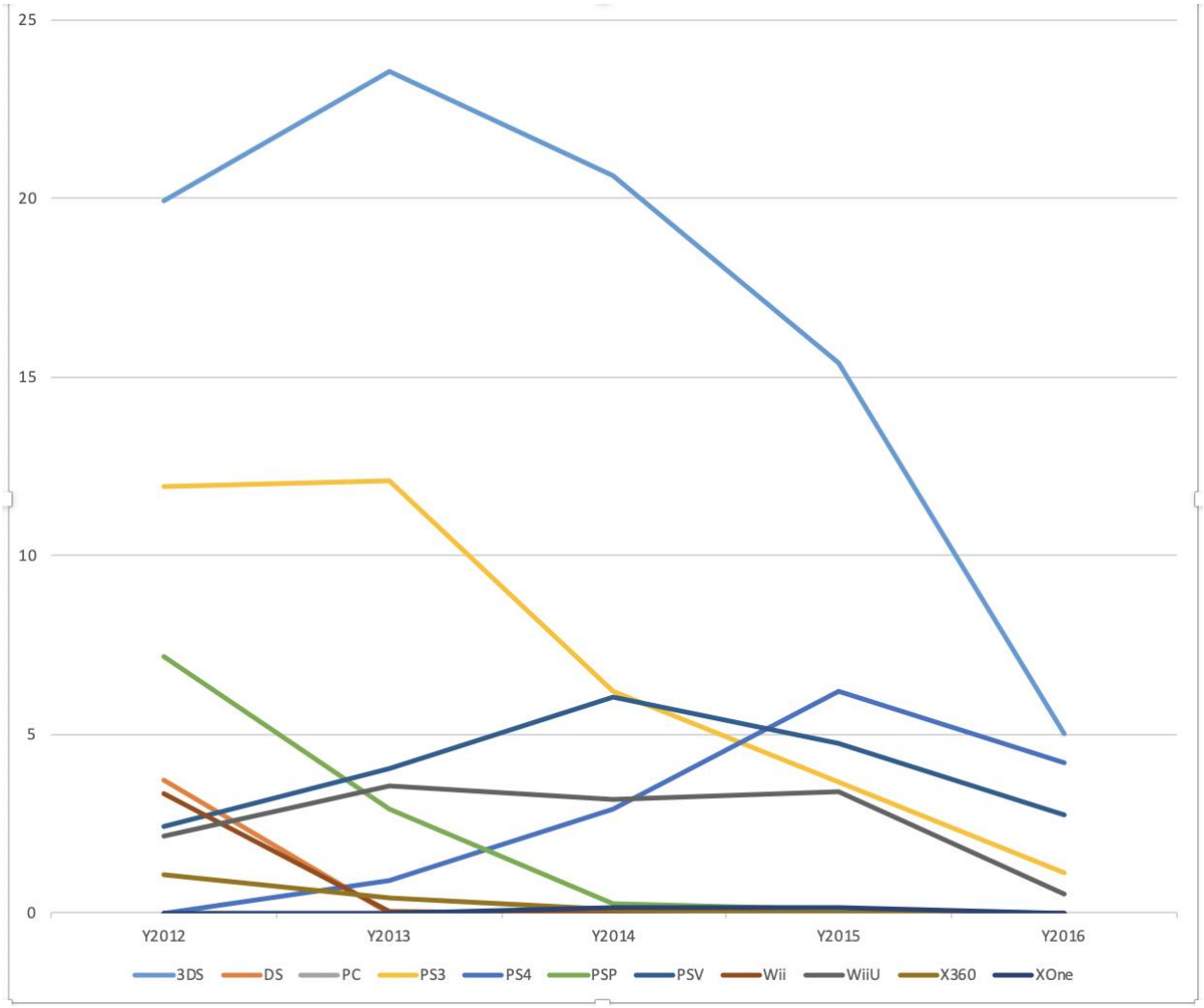
```
--Table for JP sales which are sorted by year and Platform

create table P_JP_Sales(
JP_sales varchar(50),
Y2012 decimal(7,2),
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table P_JP_Sales;

select * from P_JP_Sales;

Insert INTO P_JP_Sales
select Platform, [2012], [2013],[2014], [2015], [2016]
from
(
select v.Platform,v.year,v.JP_sales
from videogamdata v
where v.Year > 2011 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(JP_Sales)
 for Year
 IN( [2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform, [2012], [2013], [2014], [2015], [2016];
```

```
select * from P_JP_Sales;

Insert INTO P_JP_Sales...;
```

117 %

Results | Messages

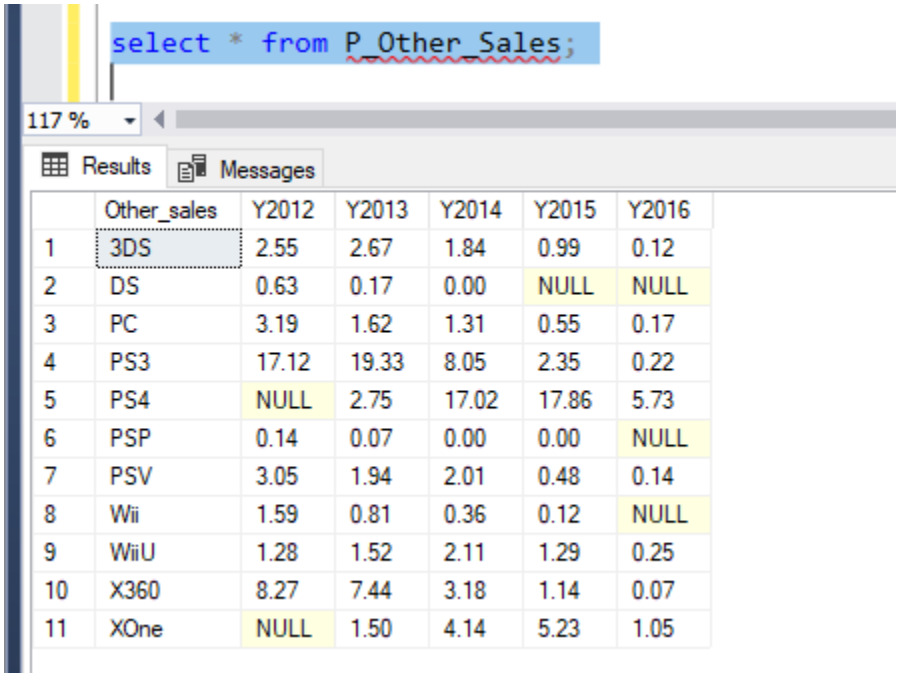
	JP_sales	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	19.92	23.52	20.64	15.39	5.03
2	DS	3.72	0.00	0.00	NULL	NULL
3	PC	0.00	0.00	0.00	0.00	0.00
4	PS3	11.94	12.12	6.23	3.67	1.13
5	PS4	NULL	0.93	2.92	6.19	4.23
6	PSP	7.18	2.93	0.24	0.12	NULL
7	PSV	2.45	4.05	6.05	4.77	2.75
8	Wii	3.34	0.05	0.00	0.00	NULL
9	WiiU	2.13	3.54	3.16	3.41	0.55
10	X360	1.06	0.43	0.08	0.00	0.00
11	XOne	NULL	0.02	0.14	0.17	0.01



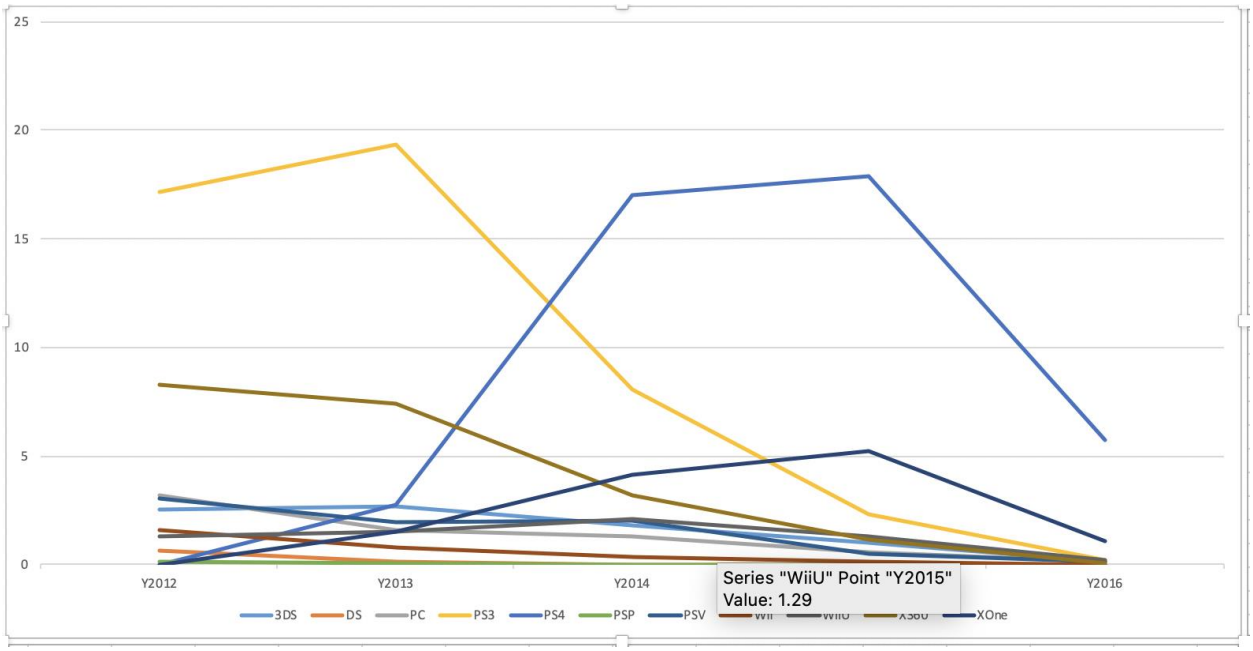
Better to choose in 2017: 3DS

```
--Table for Other sales which are sorted by year and Platform

create table P_Other_Sales(
Other_sales varchar(50),
Y2012 decimal(7,2),
Y2013 decimal(7,2),
Y2014 decimal(7,2),
Y2015 decimal(7,2),
Y2016 decimal(7,2)
);

drop table P_Other_Sales;

select * from P_Other_Sales;
```

```
Insert INTO P_Other_Sales
select Platform, [2012], [2013],[2014], [2015], [2016]
from
(
select v.Platform,v.year,v.Other_sales
from videogamdata v
where v.Year > 2011 AND v.YEAR <2017
) AS derivedtable
PIVOT(
 sum(Other_Sales)
 for Year
 IN( [2012], [2013], [2014], [2015], [2016]))
AS PivotTable
group by Platform, [2012], [2013], [2014], [2015], [2016];
```

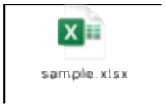


	Other_sales	Y2012	Y2013	Y2014	Y2015	Y2016
1	3DS	2.55	2.67	1.84	0.99	0.12
2	DS	0.63	0.17	0.00	NULL	NULL
3	PC	3.19	1.62	1.31	0.55	0.17
4	PS3	17.12	19.33	8.05	2.35	0.22
5	PS4	NULL	2.75	17.02	17.86	5.73
6	PSP	0.14	0.07	0.00	0.00	NULL
7	PSV	3.05	1.94	2.01	0.48	0.14
8	Wii	1.59	0.81	0.36	0.12	NULL
9	WiiU	1.28	1.52	2.11	1.29	0.25
10	X360	8.27	7.44	3.18	1.14	0.07
11	XOne	NULL	1.50	4.14	5.23	1.05



`Better to choose in 2017: PS4`

⇨ Exported data into excel named Sample for analysis.



<u>Conclusion:</u>

Considering the Global sales, it would be better to invest in Action games Genre or 3DS Platform.