

## Asst. Video\_Game\_Sales

First 10 Rows of the table

- To display the first 10 rows of the table, I just need to select all the columns from the table to return, and limit the return to 10

```

1 SELECT *
2 FROM video_game_sales as v
3 LIMIT 10;

```

Rank	Name	Platform	Year	Genre	Publisher	NA_Sales	EU_Sales	JP_Sales	Other_Sales	Global_Sales
integer	text	text	integer	text	text	double precision	double precision	double precision	double precision	double precision
1	1	Wii Sports	2006	Sports	Nintendo	41.49	29.02	3.77	8.46	82.74
2	2	Super Mario Bros.	1985	Platform	Nintendo	29.08	3.58	6.81	0.77	40.24
3	3	Mario Kart Wii	2008	Racing	Nintendo	15.85	12.88	3.79	3.31	35.82
4	4	Wii Sports Resort	2009	Sports	Nintendo	15.75	11.01	3.28	2.96	33
5	5	Pokemon Red/Pokemon ...	1996	Role-Playing	Nintendo	11.27	8.89	10.22	1	31.37
6	6	Tetris	1989	Puzzle	Nintendo	23.2	2.26	4.22	0.58	30.26
7	7	New Super Mario Bros.	2006	Platform	Nintendo	11.38	9.23	6.5	2.9	30.01
8	8	Wii Play	2006	Misc	Nintendo	14.03	9.2	2.93	2.85	29.02
9	9	New Super Mario Bros. Wii	2009	Platform	Nintendo	14.59	7.06	4.7	2.26	28.62
10	10	Duck Hunt	1984	Shooter	Nintendo	26.93	0.63	0.28	0.47	28.31

Total Global\_Sales for a specific platform

- To return global\_sales for a specific platform, I needed to return the platform column as well as the sum of all global\_sales, and I needed to also group all those global\_sales by the platform the games were on.
- If I want to return a specific platform, I can just add "WHERE "Platform" = 'PS2'"

```

1 SELECT "Platform", SUM("Global_Sales") AS Global_Sales_Platform
2 FROM video_game_sales
3 GROUP BY "Platform"
4 ORDER BY Global_Sales_Platform DESC;

```

	Platform	global_sales_platform
	text	double precision
13	NES	251.06999999999988
14	3DS	247.46000000000001
15	N64	218.87999999999985
16	SNES	200.05000000000024
25	SCD	1.8700000000000003
26	NG	1.4400000000000004
27	WS	1.42
28	TG16	0.16
29	3DO	0.1
30	GG	0.04
31	PCFX	0.03
1	PS2	1255.6399999999971
2	X360	979.9599999999996
3	PS3	957.8399999999987
4	Wii	926.7099999999971
5	DS	822.48999999999874
6	PS	730.659999999997
7	GBA	318.4999999999998
8	PSP	296.27999999999948
9	PS4	278.0999999999994
10	PC	258.81999999999846
11	XB	258.2599999999984
12	GB	255.44999999999987
20	WiiU	81.86000000000006
21	PSV	61.93000000000005
22	SAT	33.59000000000002
23	GEN	28.360000000000003
24	DC	15.96999999999997

Extra Credit – Find the top 5 best-selling games of a particular genre

Part 1: Find all the unique genres in the table

```
1 SELECT DISTINCT "Genre", COUNT(*)
2 FROM video_game_sales as v
3 GROUP BY "Genre";
```

	Genre text	count bigint			
			6	Puzzle	582
			7	Racing	1249
1	Action	3316	8	Role-Playing	1488
2	Adventure	1286	9	Shooter	1310
3	Fighting	848	10	Simulation	867
4	Misc	1739	11	Sports	2346
5	Platform	886	12	Strategy	681

Part 2: Find the top 5 best-selling games in the “Action” Genre by only returning games that fit the genre and order by their respective rank

Query Query History

```
1 SELECT *
2 FROM video_game_sales
3 WHERE "Genre" = 'Action'
4 ORDER BY "Rank"
5 LIMIT 5;
```

	Rank integer	Name text	Platform text	Year integer	Genre text	Publisher text	NA_Sales double precision	EU_Sales double precision	JP_Sales double precision	Other_Sales double precision	Global_Sales double precision
1	17	Grand Theft Auto V	PS3	2013	Action	Take-Two Interactive	7.01	9.27	0.97	4.14	21.4
2	18	Grand Theft Auto: San Andreas	PS2	2004	Action	Take-Two Interactive	9.43	0.4	0.41	10.57	20.81
3	24	Grand Theft Auto V	X360	2013	Action	Take-Two Interactive	9.63	5.31	0.06	1.38	16.38
4	25	Grand Theft Auto: Vice City	PS2	2002	Action	Take-Two Interactive	8.41	5.49	0.47	1.78	16.15
5	39	Grand Theft Auto III	PS2	2001	Action	Take-Two Interactive	6.99	4.51	0.3	1.3	13.1