

# ***Video Games Sales Data Analysis***



## Over View Of Dataset.

Q. Total Games In Dataset.

Total_Games
▶ 16327

Q. Total Different Platforms.

Different_Platforms
▶ 31

Q. Years Timeline (Starting and Ending Year, Total Number of Years).

Total_Years
Starting Year= 1980, Ending Year= 2020, Total Years= 39

Q. Different Genre and Total Number of Genre present in Dataset.

Different_Genre
▶ Sports
Platform
Racing
Role-Playing
Puzzle
Misc
Shooter
Simulation
Action
Fighting
Adventure
Strategy

Total_Genre_Counts
▶ 12

Q. Total Different Publisher.

Total_Different_Publisher
577

## Q. Total Sales Done In Different Region..

Total_Sales_North_America
4333

Total_Sales_Europe
2409

Total_Sales_Japan
1284

Total_Sales_Other_Region
789

Total_Sales_Globally
8820

## Q. Platform With Most Number of Games

Platform	Total_Games
► Dual Screen	2133
Playstation 2	2127
Playstation 3	1304
Wii	1290
XBox 360	1235
Playstation Portable	1197
Playstation	1189
PC	943
Game Boy Advance	811
XBox	803
Game Cube	542
Nintendo 3DS	500
Playstation Vita	412
Playstation 4	336
Nintendo 64	316
Super Nintendo Entertainment System	239
XBox One	213
Sega Video Game	173
Nintendo Wii U	143
Atari 2600	116

Nintendo Entertainment System	98
Game Box	97
Dreamcast	52
GEN	27
Neo Geo	12
Sega CD	6
Wonder Swan	6
3DO	3
Turbo Grafx-16	2
Game Gear	1
PCFX	1

# Q. Total Games Released in Each Years (Highest Number of Releases to Lowest Number of Releases).

	Year	Total_Games_Released
▶	2009	1431
	2008	1428
	2010	1259
	2007	1202
	2011	1139
	2006	1008
	2005	941
	2002	829
	2003	775
	2004	763
	2012	657
	2015	614
	2014	582
	2013	546
	2001	482
	1998	379

2016	344
1999	338
1997	289
1996	263
1995	219
1994	121
1993	60
1981	46
1992	43
1991	41
1982	36
1986	21
1989	17
1983	17
1990	16
1987	16

1988	15
1985	14
1984	14
1980	9
2017	3
2020	1

## Q. Total Games Released By Genre (Highest Releases to Lowest Releases).

Genre	Total_Game_Released_by_Genre
Action	3253
Sports	2304
Misc	1710
Role-Playing	1471
Shooter	1282
Adventure	1276
Racing	1226
Platform	876
Simulation	851
Fighting	836
Strategy	671
Puzzle	571

## Q. Top 20 Publisher who Released Most Number of Games.

	Publisher	Total_Games_Released_By_Publisher
►	Electronic Arts	1339
	Activision	966
	Namco Bandai Games	928
	Ubisoft	918
	Konami Digital Entertainment	823
	THQ	712
	Nintendo	696
	Sony Computer Entertainment	682
	Sega	632
	Take-Two Interactive	412
	Capcom	376
	Atari	347
	Tecmo Koei	338
	Square Enix	231
	Warner Bros. Interactive Entertainment	217
	Disney Interactive Studios	214
	Eidos Interactive	196
	Midway Games	196
	505 Games	192
	Microsoft Game Studios	189



## Q. Publisher which have more than 5 Million Global Sales.

	Publisher	North_America_Sales	Europe_Sales	Japan_Sales	Other_Sales	Global_Sales
▶	Nintendo	525.45	288.14	218.41	66.82	1098.74
	Activision	109.01	75.1	3.91	24.64	212.61
	Take-Two Interactive	70.54	49.09	3.81	28.81	152.23
	Sony Computer Entertainment	60.67	44.36	22.58	18.71	146.35
	Microsoft Game Studios	83.78	31.06	1.08	9.25	125.19
	Electronic Arts	30.29	57.49	3.71	17.4	108.87
	Ubisoft	34.23	20.71	0.56	6.65	62.15
	Bethesda Softworks	10.05	8.72	0.59	3	22.36
	Sega	8.69	7.58	1.26	1.68	19.23
	Konami Digital Entertainment	8.26	5.58	2.48	1.79	18.11
	Capcom	4.9	2.83	8.08	1.11	16.91
	Square Enix	4.27	1.99	7.81	2.46	16.52
	SquareSoft	3.9	2.49	6.41	0.37	13.16
	505 Games	6.63	4.58	0.07	1.25	12.53
	Virgin Interactive	3.93	2.63	3.13	1.18	10.87
	Eidos Interactive	5.09	4.35	0.2	0.61	10.25
	Atari	7.28	0.45	0	0.08	7.81
	GT Interactive	3.11	2.8	0.02	0.33	6.27
	Sony Computer Entertainment Europe	2.41	2.28	0.28	1.01	5.99
	LucasArts	3.66	1.63	0	0.53	5.83
	Warner Bros. Interactive Entertainment	2.7	1.91	0.11	0.8	5.53
	Universal Interactive	2.07	2.29	0.24	0.82	5.42
	RedOctane	3.81	0.63	0	0.68	5.12

## Q. Publisher Who Sold Most Games Globally.

Row_Number	publisher	year	global_sales
1	Nintendo	2006	82.74
2	Nintendo	1985	40.24
3	Nintendo	2008	35.82
4	Nintendo	2009	33
5	Nintendo	1996	31.37
6	Nintendo	1989	30.26
7	Nintendo	1984	28.31
8	Nintendo	2005	24.76
9	Nintendo	1999	23.1
10	Nintendo	2007	22.72
11	Microsoft Game Studios	2010	21.82
12	Take-Two Interactive	2013	21.4
13	Take-Two Interactive	2004	20.81
14	Nintendo	1990	20.61
15	Nintendo	1988	17.28
16	Take-Two Interactive	2002	16.15
17	Sony Computer Entertainment	2001	14.98
18	Activision	2011	14.76
19	Nintendo	1998	14.64
20	Activision	2015	14.24

Row_Number	publisher	year	global_sales
21	Activision	2012	14.03
22	Take-Two Interactive	2014	11.98
23	Nintendo	1992	11.18
24	Sony Computer Entertainment	1997	10.95
25	Nintendo	1993	10.55
26	Nintendo	1994	9.3
27	Atari	1982	7.81
28	Electronic Arts	2003	7.2
29	Nintendo	1986	6.51
30	Nintendo	2000	6.39
31	Nintendo	1995	5.15
32	Electronic Arts	2016	4.77
33	Nintendo	1991	4.61
34	Activision	1981	4.5
35	Nintendo	1987	4.38
36	Atari	1980	4.31
37	Nintendo	1983	3.2
38	Ubisoft	2020	0.29
39	Sega	2017	0.03



## Q. Countries having Highest Sales Each Year.

year	North_America_Sales	Europe_Sales	Japan_Sales	Other_Sales	Global_Sales	sales
2008	351.44	184.4	60.26	82.39	678.9	America has most number of Sales
2009	338.85	191.59	61.89	74.77	667.3	America has most number of Sales
2007	312.05	160.5	60.29	77.6	611.13	America has most number of Sales
2010	304.24	176.73	59.49	59.9	600.45	America has most number of Sales
2006	263.12	129.24	73.73	54.43	521.04	America has most number of Sales
2011	241.06	167.44	53.04	54.39	515.99	America has most number of Sales
2005	242.61	121.94	54.28	40.58	459.94	America has most number of Sales
2004	222.59	107.32	41.65	47.29	419.31	America has most number of Sales
2002	216.19	109.74	41.76	27.28	395.52	America has most number of Sales
2013	154.77	125.8	47.59	39.82	368.11	America has most number of Sales
2012	154.96	118.78	51.74	37.82	363.54	America has most number of Sales
2003	193.59	103.81	34.2	26.01	357.85	America has most number of Sales
2014	131.97	125.65	39.46	40.02	337.05	America has most number of Sales
2001	173.98	94.89	39.86	22.76	331.47	America has most number of Sales
2015	102.82	97.71	33.72	30.01	264.44	America has most number of Sales
1998	128.36	66.9	50.04	11.03	256.47	America has most number of Sales
1999	126.06	62.67	52.34	10.05	251.27	America has most number of Sales
2000	94.49	52.75	42.77	11.62	201.56	America has most number of Sales
1997	94.75	48.32	48.87	9.13	200.98	America has most number of Sales
1996	86.76	47.26	57.44	7.69	199.15	America has most number of Sales

year	North_America_Sales	Europe_Sales	Japan_Sales	Other_Sales	Global_Sales	sales
2016	22.66	26.76	13.7	7.75	70.93	Europe has most number of Sales
1995	24.82	14.9	45.75	2.64	88.11	Japan has most number of Sales
1994	28.15	14.88	33.99	2.2	79.17	Japan has most number of Sales
1992	33.87	11.71	28.91	1.65	76.16	America has most number of Sales
1989	45.15	8.44	18.36	1.5	73.45	America has most number of Sales
1990	25.46	7.63	14.88	1.4	49.39	America has most number of Sales
1988	23.87	6.59	15.76	0.99	47.22	America has most number of Sales
1985	33.73	4.74	14.56	0.92	53.94	America has most number of Sales
1993	15.12	4.65	25.33	0.89	45.98	Japan has most number of Sales
1991	12.76	3.95	14.78	0.74	32.23	Japan has most number of Sales
1986	12.5	2.84	19.81	1.93	37.07	Japan has most number of Sales
1984	33.28	2.1	14.27	0.7	50.36	America has most number of Sales
1981	33.4	1.96	0	0.32	35.77	America has most number of Sales
1982	26.92	1.65	0	0.31	28.86	America has most number of Sales
1987	8.46	1.41	11.63	0.2	21.74	Japan has most number of Sales
1983	7.76	0.8	8.1	0.14	16.79	Japan has most number of Sales
1980	10.59	0.67	0	0.12	11.38	America has most number of Sales
2020	0.27	0	0	0.02	0.29	America has most number of Sales
2017	0	0	0.05	0	0.05	Japan has most number of Sales

## Q. Countries having Highest Sales Each Year Count.

	sales	count(sales)
▶	America has most number of Sales	30
	Japan has most number of Sales	8
	Europe has most number of Sales	1

# Thank You.