

```
import pandas as pd
```

```
video = pd.read_csv("/content/drive/MyDrive/vgsales.csv")
```

```
video.head ( n= 30 )
```

	Rank	Name	Platform	Year	Genre	Publisher	NA_Sales	EU_Sales	JP_Sales	0
0	1	Wii Sports	Wii	2006.0	Sports	Nintendo	41.49	29.02	3.77	
1	2	Super Mario Bros.	NES	1985.0	Platform	Nintendo	29.08	3.58	6.81	
2	3	Mario Kart Wii	Wii	2008.0	Racing	Nintendo	15.85	12.88	3.79	
3	4	Wii Sports Resort	Wii	2009.0	Sports	Nintendo	15.75	11.01	3.28	
4	5	Pokemon Red/Pokemon Blue	GB	1996.0	Role-Playing	Nintendo	11.27	8.89	10.22	
5	6	Tetris	GB	1989.0	Puzzle	Nintendo	23.20	2.26	4.22	
6	7	New Super Mario Bros.	DS	2006.0	Platform	Nintendo	11.38	9.23	6.50	
7	8	Wii Play	Wii	2006.0	Misc	Nintendo	14.03	9.20	2.93	
8	9	New Super Mario Bros. Wii	Wii	2009.0	Platform	Nintendo	14.59	7.06	4.70	
9	10	Duck Hunt	NES	1984.0	Shooter	Nintendo	26.93	0.63	0.28	
10	11	Nintendogs	DS	2005.0	Simulation	Nintendo	9.07	11.00	1.93	
11	12	Mario Kart DS	DS	2005.0	Racing	Nintendo	9.81	7.57	4.13	
12	13	Pokemon Gold/Pokemon Silver	GB	1999.0	Role-Playing	Nintendo	9.00	6.18	7.20	
13	14	Wii Fit	Wii	2007.0	Sports	Nintendo	8.94	8.03	3.60	
14	15	Wii Fit Plus	Wii	2009.0	Sports	Nintendo	9.09	8.59	2.53	
15	16	Kinect Adventures!	X360	2010.0	Misc	Microsoft Game	14.97	4.94	0.24	

```
imprimir ( video.shape )
```

```
(16598, 11)
```

```
video.isnull().any().any()
```

Verdadeiro

```
video = video.dropna(axis=0)
```

```
print(video.shape)
```

(16291, 11)

	21	22	Super Mario Land	GB	1989.0	Platform	Nintendo	10.83	2.71	4.18
groupiago	video[(video['Platform'] == 'Wii') (video['Platform'] == 'PS3') (video['Platform'] == 'X360')]									
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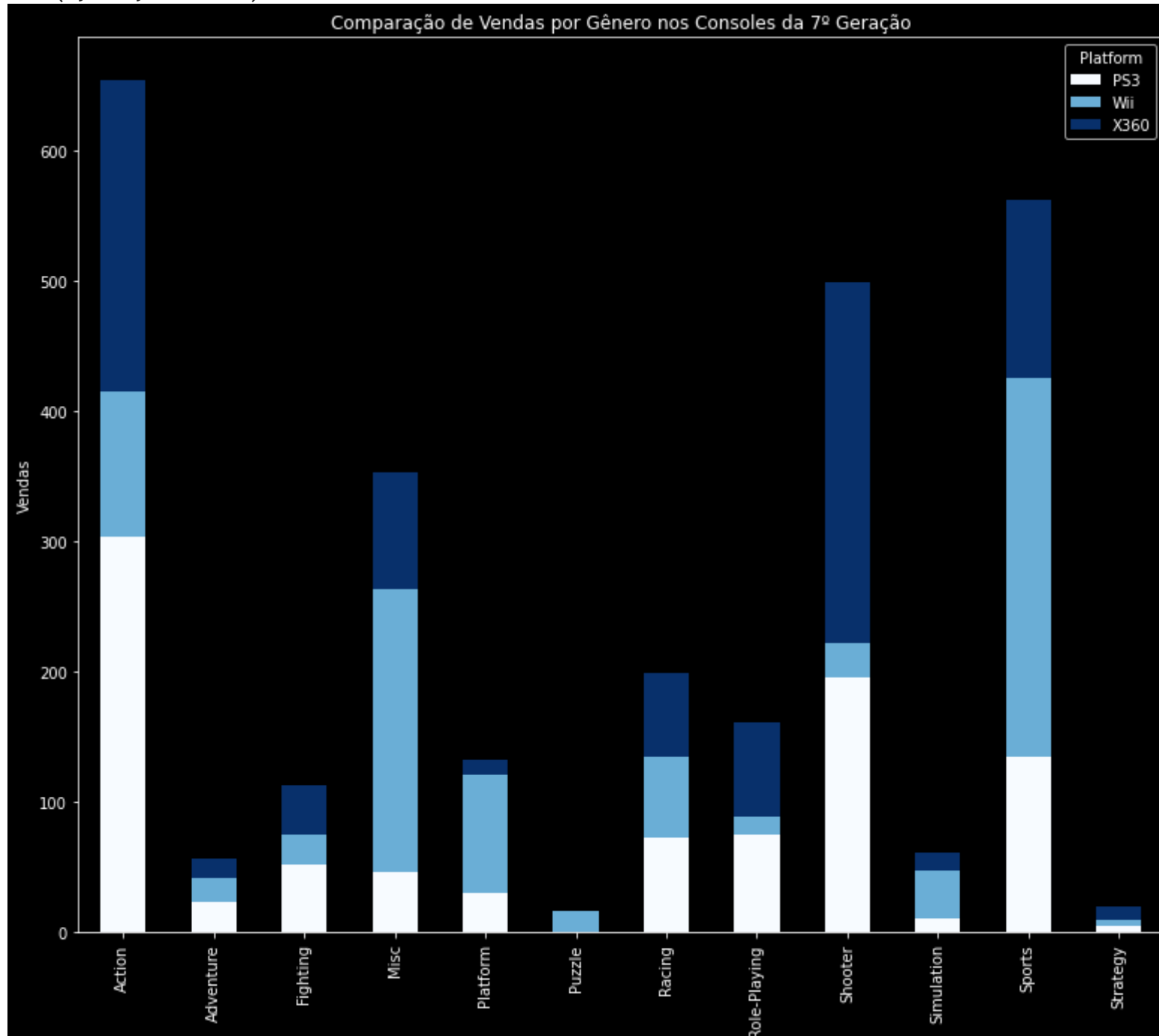
```
groupiago.shape
```

(3828, 11)

	24	25	Grand Theft Auto	PS2	2002.0	Action	Take-Two	8.41	5.49	0.47
genreSales	groupiago.groupby(['Genre', 'Platform']).Global_Sales.sum()									

```
plt.style.use('dark_background')
genreSales = groupiago.groupby(['Genre', 'Platform']).Global_Sales.sum()
genreSales.unstack().plot(kind='bar', stacked=True, colormap= 'Blues',
                           grid=False, figsize=(13,11))
plt.title('Comparação de Vendas por Gênero nos Consoles da 7ª Geração')
plt.ylabel('Vendas')
```

```
Text(0, 0.5, 'Vendas')
```



Genre

V

0s concluído às 16h51

