2 https://store.steampowered.com/app/637090/BATT... арр 3 https://store.steampowered.com/app/221100/DayZ/ https://store.steampowered.com/app/8500/EVE_On... Top 10 most rated games This doesn't mean top rated, just the games with the most ratings. steam[['name','all_reviews']].sort_values(by='all_reviews', ascending=False).head(10) name 3642 Very Positive, (998), - 86% of the 998 user revi... The Heiress 8917 Don't Starve: Hamlet Very Positive, (996), -89% of the 996 user revi... 1270 Command & Conquer: Red Alert 3 - Uprising Very Positive, (995), -85% of the 995 user revi... 8501 Very Positive, (994), - 90% of the 994 user revi... Zero-K 9322 Very Positive, (994), - 82% of the 994 user revi... **MUSYNX** 3741 Very Positive, (992), - 93% of the 992 user revi... Full Throttle Remastered 1301 Very Positive, (992), - 92% of the 992 user revi... Immortal Redneck Very Positive, (990), - 94% of the 990 user revi... 2023 Turok 2: Seeds of Evil SUPER FLAIL Very Positive, (99), - 92% of the 99 user review... 8053 Towards The Pantheon: Escaping Eternity Very Positive, (99), - 90% of the 99 user review... Top 10 most recent games In [4]: steam.release date.dtypes Out[4]: dtype('O') We're going to convert the Object column to datetime64 recentSteam = steam recentSteam.release_date = pd.to_datetime(steam.release_date, errors='coerce').dropna recentSteam[['name','release date']].sort values(by='release date',ascending=False).he release_date name 38508 Zoroastra 2025-04-03 5436 Telecube Nightmare 2023-12-25 Magical Star Pillars Anniversary Edition 31581 2022-12-31 **31275** 8-in-1 IQ Scale Bundle - Quirky Jerk (OST) 2022-07-25 WAIFU WARS ONLINE 35215 2022-02-02 31356 Captain's Tail 2022-01-01 33776 DEEP 8 2021-08-04 33404 KingOfEgyptGX 2021-06-01 33621 Mongrel 2021-04-01 36842 2021-01-01 GreenFlame So it seems some upcoming games slipped into here, we can filter those. from datetime import datetime recentSteam['release_date'].loc['1970-01-01':datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime.today().strftime('%Y-%m-%d')].datetime Out[8]: 19701 2013-04-04 19703 2013-07-31 2015-08-28 19704 19705 2015-07-10 19706 2016-01-19 20205 2018-03-08 20206 2016-12-22 20207 2017-01-10 20208 2017-01-30 20209 2016-12-08 Name: release_date, Length: 441, dtype: datetime64[ns] So, finally. In [9]: today = datetime.today().strftime('%Y-%m-%d') recentSteam['release_date'] = recentSteam['release_date'].loc[recentSteam['release_date'] recentSteam = recentSteam[['name', 'release date']].sort values(by='release date', ascer recentSteam Out[9]: name release_date 38912 2021-01-01 Return to Nangrim 32095 CHROMATOSE 2021-01-01 2021-01-01 36842 GreenFlame 31466 Star Fighters 2020-12-31 The Ghost of Joe Papp: 101 Ways To Kill Writer... 40441 2020-12-02 3676 Silent Service 1985-01-01 The Castles of Dr. Creep 1984-11-01 5570 8224 Space Ace 1984-04-29 2096 Dragon's Lair 1983-06-19 18229 The Mystery of the Uurnog 1981-04-22 36698 rows × 2 columns Most achievements steam[['name', 'achievements']].dropna().sort_values('achievements', ascending=False).he name achievements 20589 **LOGistICAL** 9821.0 12720 Trivia Vault: Movie Trivia 5000.0 24971 Panda Run 5000.0 The Dropping of The Dead 5000.0 29201 5000.0 5520 USA 2020 26996 Ninja Stealth 3 5000.0

Portfolio assignment 6

portfolio when you're finished.

steam = pd.read csv(r"steam games.csv")

https://store.steampowered.com/app/379720/DOOM/

https://store.steampowered.com/app/578080/PLAY...

import pandas as pd import seaborn as sns

steam.head()

60 min: Perform a univariate analysis on at least 2 columns with categorical data and on at least 2 columns with numerical data in the dataset that you chose in portfolio assignment 4. Commit the Notebook to your

types

арр

арр

name

DOOM

PLAYERUNKNOWN'S

BATTLEGROUNDS

BATTLETECH

DayZ

EVE Online

url

desc_snippet recent_review

Now includes all

packs (Unto...

three premium DLC

PLAYERUNKNOWN'S

BATTLEGROUNDS is

Take command of

outfit of '...

The post-soviet

EVE Online is a

community-driven

spaceship MMO...

all_reviews

Chernarus is struck...

country of

your own mercenary

a battle roya...

Very Posit

the 554 ι

(554),-899

Mixed,(6,21

49% of

6,214 ι

review

Mixed,(16

54% of the

user review

Mixed,(93

57% of the

user review

Mixed,(28

54% of the

user review

These kind of results make me doubt the legitimancy of this dataset, but I'll assume this is correct. So I can't find any categorical data in my dataset, which means i'll get another one. vg = pd.read csv('vgsales.csv') **Platform** Publisher NA_Sales Year Genre Wii 2006.0 **Sports** Nintendo **NES** 1985.0 **Platform** Nintendo 2008.0 Racing Nintendo 2009.0 **Sports** Nintendo Role-1996.0 Nintendo Playing Most popular genres vg['Genre'].value_counts().plot(kind='bar')

EU_Sales

29.02

3.58

12.88

11.01

8.89

41.49

29.08

15.85

15.75

11.27

JP_Sales

3.77

6.81

3.79

3.28

10.22

Other_Sales

8.46

0.77

3.31

2.96

1.00

Globa

5000.0

5000.0

5000.0

5000.0

Fighting

Strategy

imulation

			Role-P	δī	Adve	т.	Pla
M	ost	рор	ular	Ρl	atf	orr	n

5541

10153

17660

25321

vg.head()

Rank

1

2

3

<AxesSubplot:>

3000

2500

2000

1500

1000

500

0

1

2

3

Math Problem Challenge

Trivia Vault: Auto Racing Trivia

Name

Bros.

Wii

Wii Sports

Super Mario

Mario Kart

Wii Sports

Pokemon

Red/Pokemon

Resort

Blue

Cludbugz's Twisted Magic

Digit Daze

vg['Platform'].value_counts().plot(kind='bar') <AxesSubplot:> 2000 1500 1000 500