Anime Quiz

Total points   6/10   ❓

Please read doc file before attending this quiz
: https://docs.google.com/document/d/15aZVQ6HN9QvV44FefKr_LFLOh0en2Xlv/edit?
usp=sharing&ouid=115445731074794794895&rtpof=true&sd=true

Data link : https://drive.google.com/file/d/1JebilSadkH9Ytlm5gl3hfweIoiwHn1Qi/view

Email *

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0 of 0 points

Full Name *

P.Prudhviraj

Batch Number *

318

Quiz questions   6 of 10 points

✓ **Which anime has the longest synopsis?** *   1/1

◉ Fangyu Quan Kai   ✓

○ One Piece

○ Attack on Titan

○ Dragon Ball Z

✓ **What is the average score of anime produced by 'Studio Ghibli'?** *   1/1

○ 2.85

○ 8.32

◉ 6.78   ✓

○ 8.92

✓ **How many unique anime titles start with the letter 'A'?** *   1/1

○ 320

○ 410

◉ 1208   ✓

○ 610

✗   **Which year has the highest number of anime releases?**   *   0/1

◉ 2010   ✗

○ 2016

○ 2018

○ 2020

Correct answer

◉ 2016

Feedback

df['Premiered'] = df.Premiered.apply(lambda x: np.nan if x == 'UNKNOWN' else x)
df['Year_of_Release'] = df.Premiered.str.split(' ').str.get(1)
df['Year_of_Release'] = pd.to_datetime(df.Year_of_Release)
most_releases_year = df['Year_of_Release'].dt.year.value_counts().idxmax()
print(most_releases_year)

✗   Which genre has the highest average number of episodes?   *   0/1

○   Action

○   Adventure

○   Sports

◉   Fantasy   ✗

Correct answer

◉   Adventure

Feedback

df['Episodes']= df.Episodes.apply(lambda x: np.nan if x == 'UNKNOWN' else x)
df['Episodes'] = df['Episodes'].astype(float)

df['Genres'] = df['Genres'].apply(lambda x : np.nan if x == 'UNKNOWN' else x)

exploded_df = df.iloc[df.Genres.str.split(', ').explode().index]

exploded_df['exploded_genre'] = df.Genres.str.split(', ').explode()

genre_avg_episodes =exploded_df.groupby('exploded_genre')['Episodes'].mean().idxmax()
genre_avg_episodes

✓   Which anime has the highest number of members and is rated 'R-17+'?   *   1/1

○   My Hero Academia

○   Sword Art Online

◉   Attack on Titan   ✓

○   Tokyo Ghoul

✓ **Which anime has the highest score with less than 1000 members?**   *   1/1

○ Hidden Gem

◉ Kaibutsu   ✓

○ Hong Yunya

○ Unknown Masterpiece

✗ **What is the most common Studio for anime released in the summer season?**   *0/1

○ Toei Animation

○ "Sunrise"

◉ Madhouse   ✗

○ J.C. Staff

Correct answer

◉ J.C. Staff

Feedback

df['Season'] = df['Premiered'].str.split(' ').str.get(0)
df[df['Season'] == 'summer']['Studios'].value_counts()

✓ What is the top 5 most common genres, including their count?   *   1/1

○   ['Comedy': 5423, 'Action': 4123, 'Drama': 3980, 'Romance': 3829, 'Adventure': 3674]

○   ['Comedy': 5140, 'Action': 4730, 'Fantasy': 3623, 'Sci-Fi': 2672, 'Romance': 1756]

⦿   ['Comedy': 7142, 'Fantasy': 5306, 'Action': 4730, 'Adventure': 3842, 'Sci-Fi': 3091]   ✓

○   ['Action': 5400, 'Comedy': 4100, 'Adventure': 4200, 'Drama': 4050, 'Romance': 3950]

✗ What is the correlation between 'Popularity' and 'Favorites'?   *   0/1

○   0.65

⦿   -0.78   ✗

○   -0.16

○   0.91

Correct answer

⦿   -0.16

Feedback

correlation = df[['Popularity', 'Favorites']].corr().iloc[0, 1]
print(correlation)

Upload the link your colab file. *

https://colab.research.google.com/drive/1vMolPvi5ogLxkrxAcTKkbtzm5aryYkAx?
usp=sharing

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