Explanation of valence & energy.

Show empty graph 1st which each region explained

Explain each topic in each graphic

**Valence**

(word is used in many places) but Valence is a psychology term that measures the intrinsic attractiveness/"good"-ness (positive valence) or averseness/"bad"-ness (negative valence) of an event, object, or situation. (https://en.wikipedia.org/wiki/Valence\_(psychology))

In this situation, we are referring to music

Valence is a number between 0 and 1

A score of 1 denotes peaceful or joyful ()

A score of 0 is depressing or angry ()

**Energy**

**Energy is a measure from 0.0 to 1.0** and represents a perceptual measure of intensity and activity. Typically, energetic tracks feel fast, loud, and noisy. (https://www.theverge.com/tldr/2018/2/5/16974194/spotify-recommendation-algorithm-playlist-hack-nelson)

A score of 1 denotes Peaceful or Happy

A score of 0 denotes Sad or Anger

(0,0): Sad

(0,1): Peaceful

(1,0): Anger

(1,1): Happy

Kendrick Lamar Billie Ellish

Chart, scatter chart

Description automatically generated A picture containing chart

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Pharrell Williams Coldplay

A picture containing chart

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Which artists do you know? (Select all that apply)

Who has more songs? Coldplay or Billie Ellish

Which artist has the least songs? (Do not count)

Q1. A majority of \_\_artist\_\_’s songs are which of the following?

Turbulent/Angry

Happy/Joy

Sad/Depressing

Chill/Peaceful

Q2. This \_\_artist\_\_’s songs are rarely which of the following\_\_\_\_\_?

Turbulent/Angry

Happy/Joy

Sad/Depressing

Chill/Peaceful

Q3 - Q6. Which song is the most \_\_one of the four categories\_\_?

Choice 1 - Obvious answer

Choice 2 - Obviously not this one

Choice 3 - Obviously not this one

Choice 4 - Obviously not this one

1 of the four categories: Turbulent/Angry | Happy/Joy | Sad/Depressing | Chill/Peaceful

Q7 - Q10. Of the artists in our data set, which one has the most \_\_one of the four categories\_\_ songs?

1 of the four categories: Turbulent/Angry | Happy/Joy | Sad/Depressing | Chill/Peaceful

Do you agree with these options