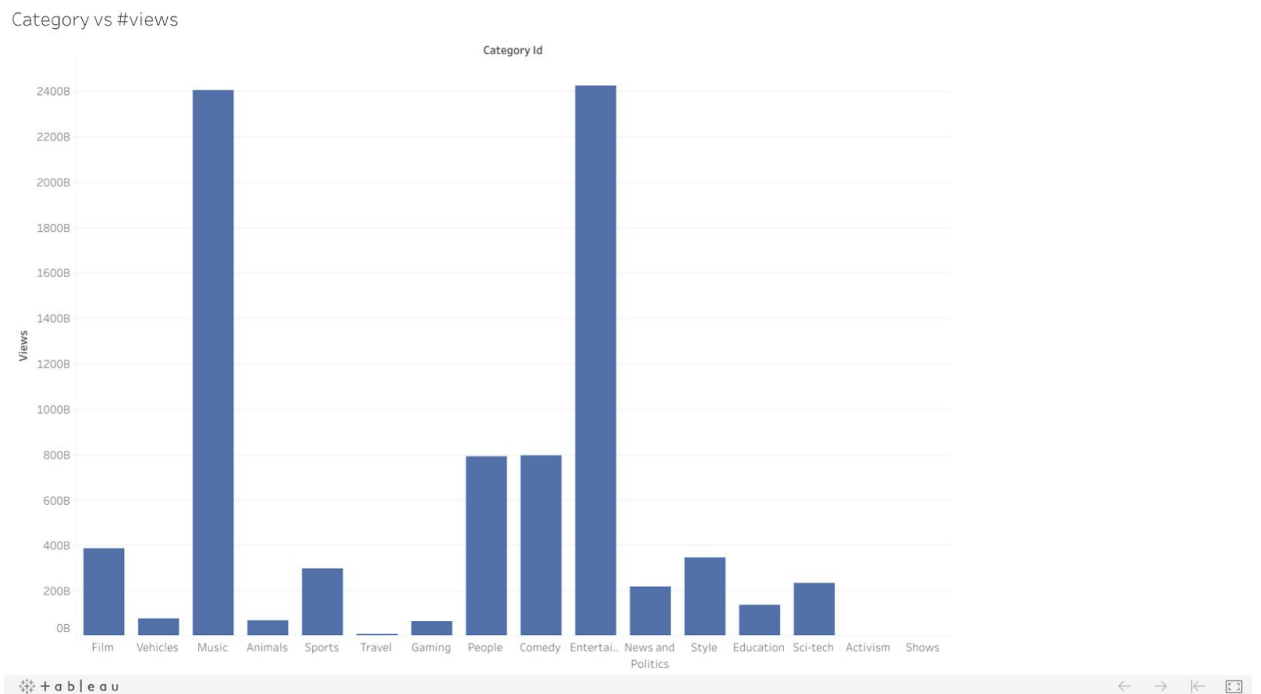


Data Visualization :

The dataset consists of videos from 16 genres -

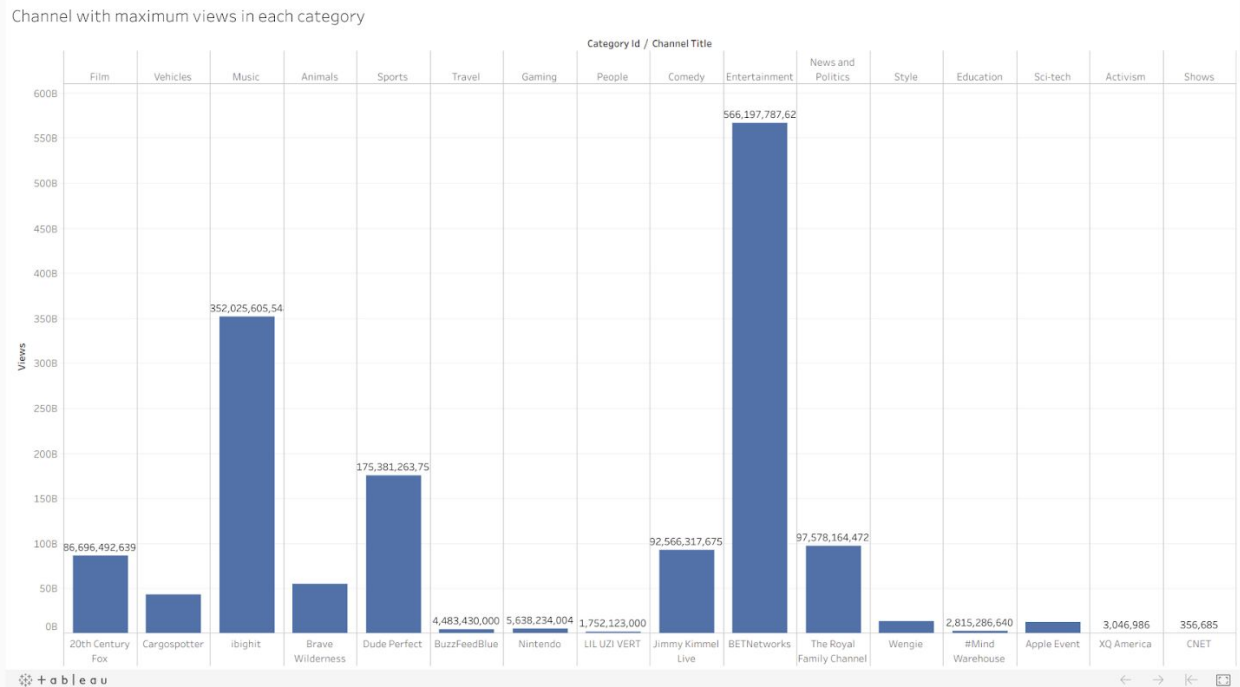
Film, vehicles, music, animals, sports, travel, gaming, people, comedy, entertainment, News and politics, style, education, technology, activism and shows. Following are the snapshots of the visualizations :

a. Category(genre) vs number of views :



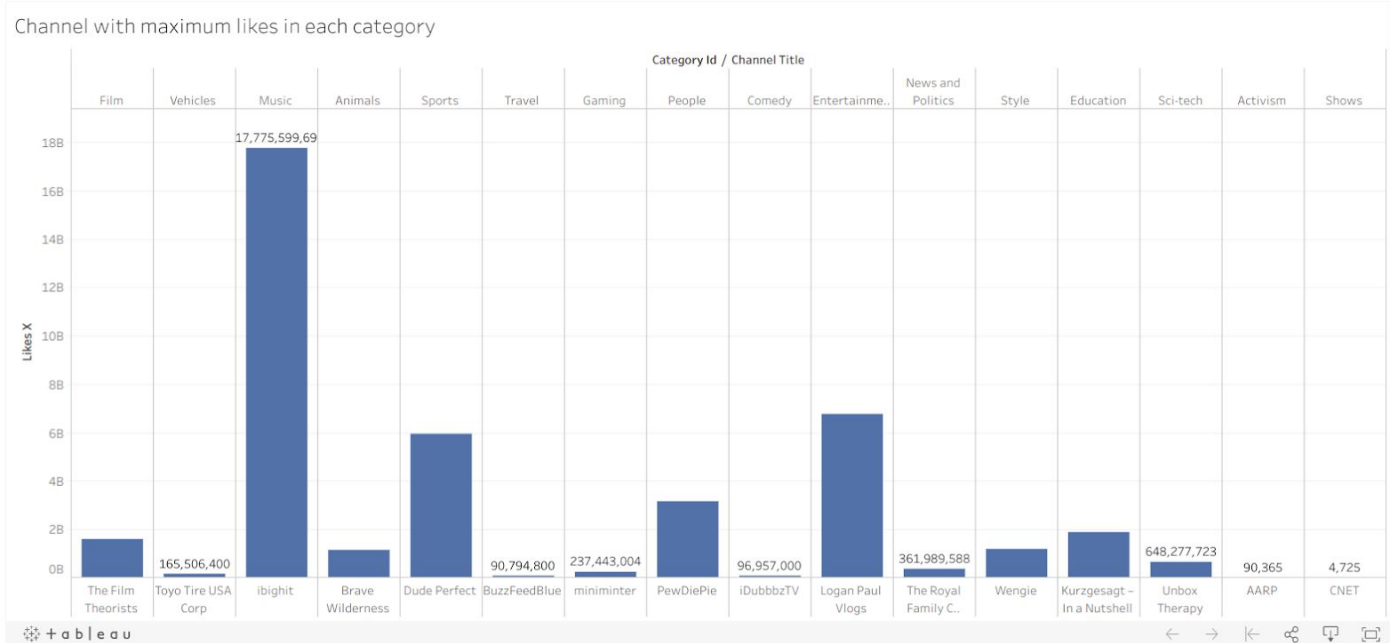
Inference : **Music** and **Entertainment** are the two genres with **most views** whereas **Activism** and **Shows** are the genres with **least views**.

b. Channel with maximum views :



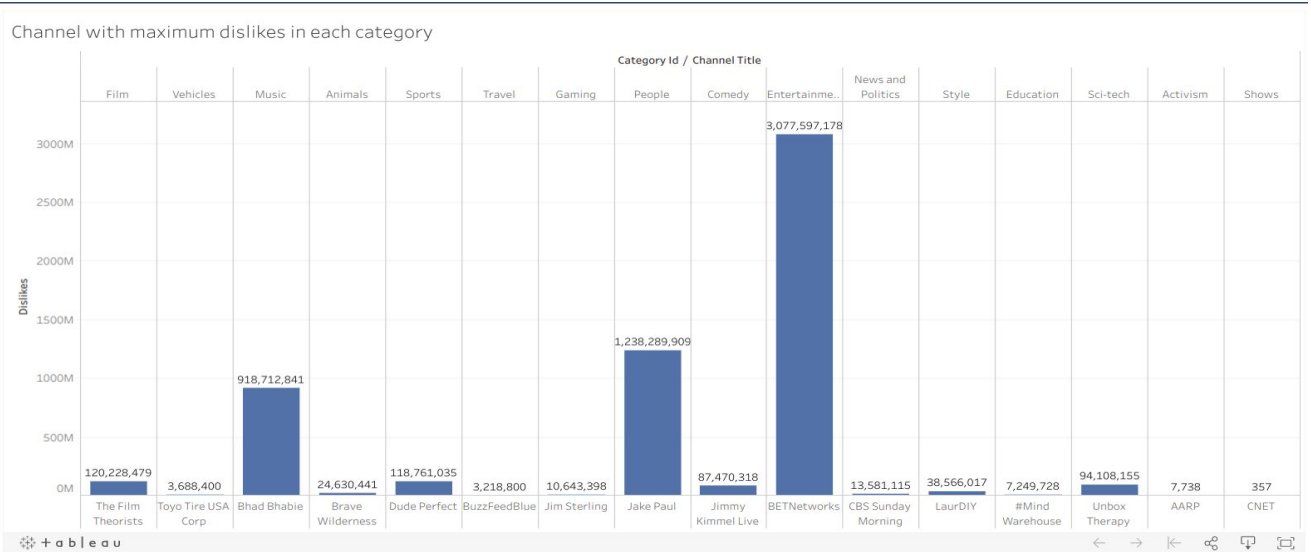
Inference : **BET Networks**, **ibigbit** and **Dude Perfect** are the top 3 most viewed channels.

c. Channel with maximum likes :



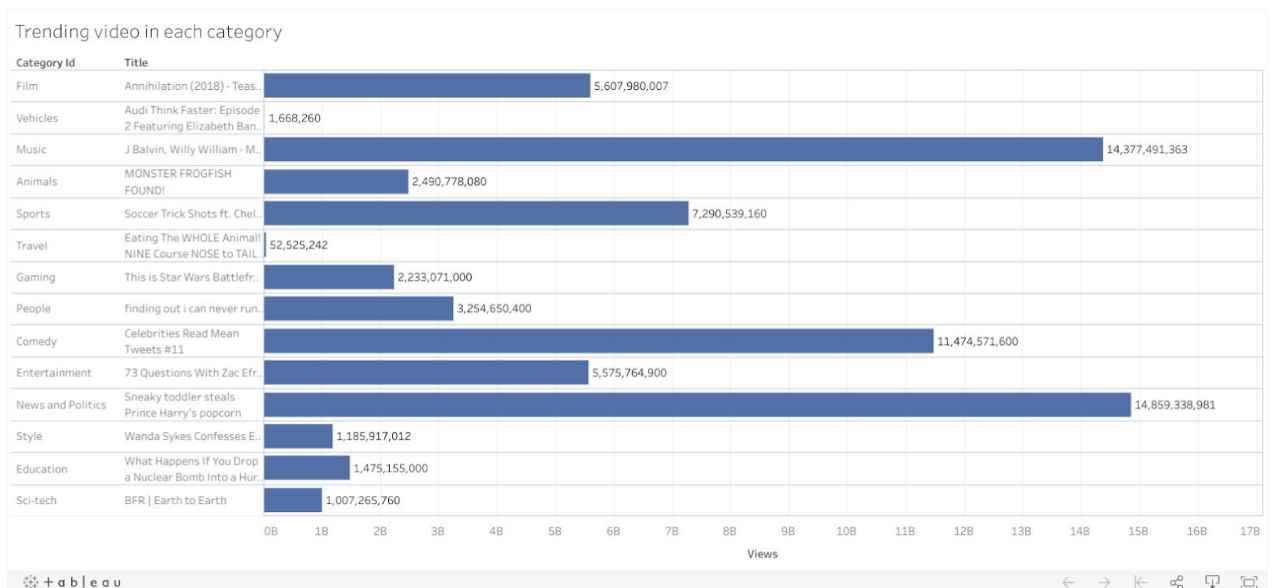
Inference : **ibighit** , **Logan Paul Vlogs** and **Dude Perfect** are the top 3 most **liked** channels. **A major difference** that can be found in this chart is that even though **BETNetworks** is the most viewed channel, **Logan Paul Vlogs** beats this channel in number of likes.

d. Channel with maximum dislikes :



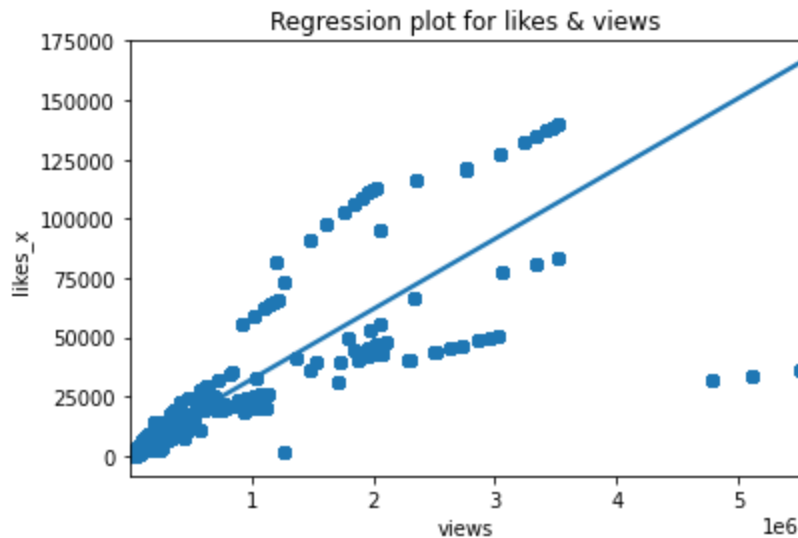
Inference : **BETNetworks** , **Jake Paul** and **Bhad Bhabie** are the top 3 most **disliked** channels. **Another major difference** that can be found in this chart is that even though **BETNetworks** is the most viewed channel, it has the maximum number of **dislikes**.

e. Trending video in each genre :



Inference : “Sneaky toddler steals Prince Harry’s popcorn” was the **most trending** video and “Audi Think Faster:Episode 2 Featuring Elizabeth Banks” was the **least trending** video.

f. **Regression plot between number of views and likes** :



Inference : From the above plot it can be inferred that there is a **high correlation** between **views and likes**.