

# Trending\_Videos\_On\_Youtube

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```
library(tidyverse)
library(ggplot2)
library(utils)

youtube_data <- read_csv("data/Trending_videos_on_youtube_dataset.csv")

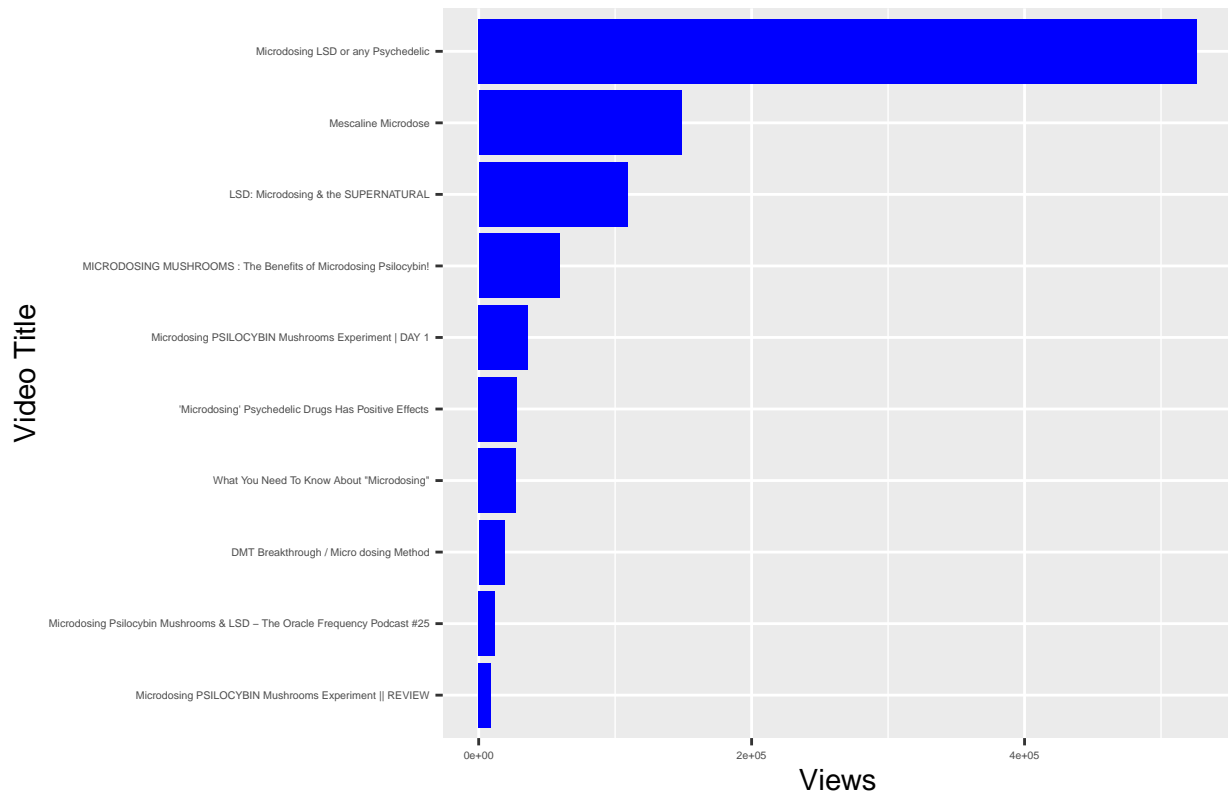
top10video <- youtube_data %>%
  arrange(desc(viewCount)) %>%
  head(10)

ggplot(data = top10video, aes(x = reorder(videoTitle, viewCount), y = viewCount)) +
  geom_bar(stat = "identity", fill = "blue") +
  coord_flip() +
  ggtitle("Top 10 Most Viewed Videos") +
  ylab("Views") +
  xlab("Video Title") +

  # changing all labels font
  #theme(text = element_text(size = 8)) +

  theme(axis.text = element_text(size = 4))
```

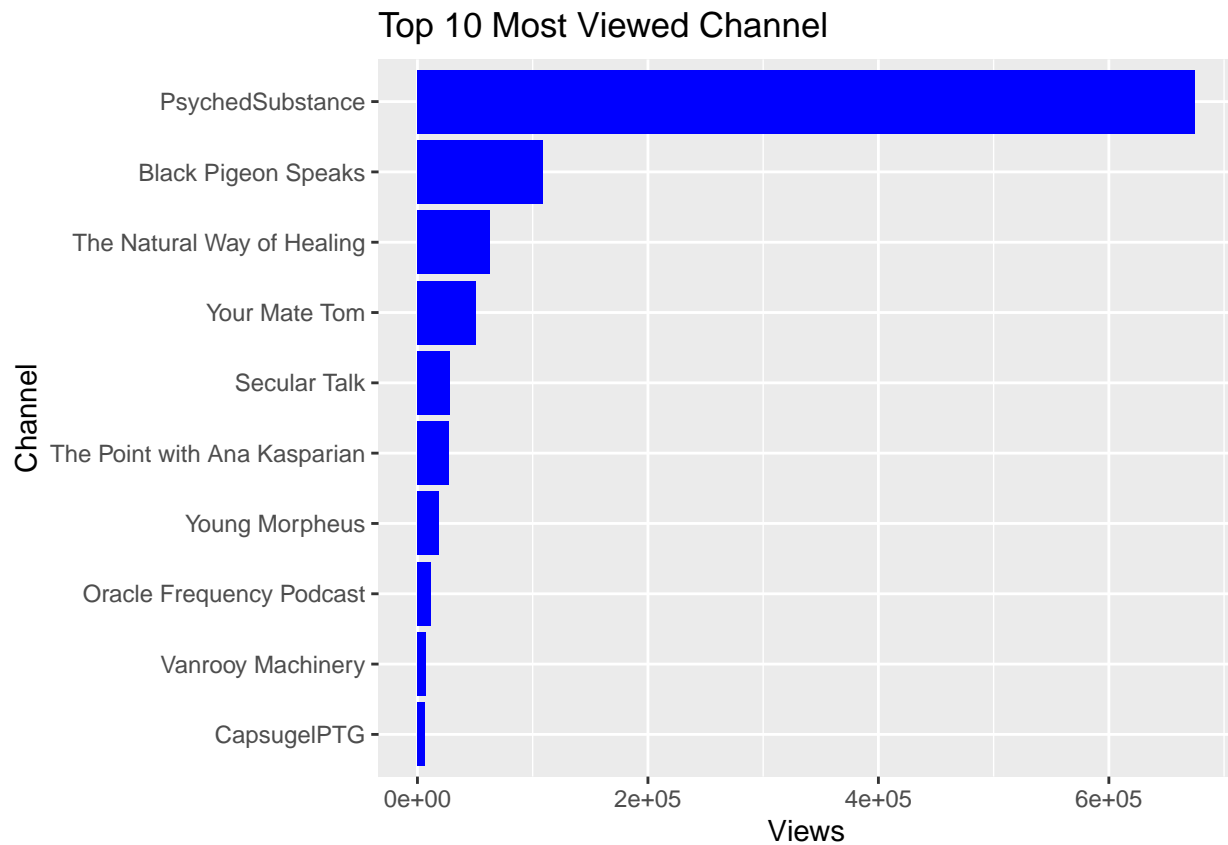
## Top 10 Most Viewed Videos



```
youtube_data1 <- group_by(youtube_data, channelTitle)

top10channel <- summarise(youtube_data1, TotalViews = sum(viewCount)) %>%
  arrange(desc(TotalViews)) %>%
  head(10)

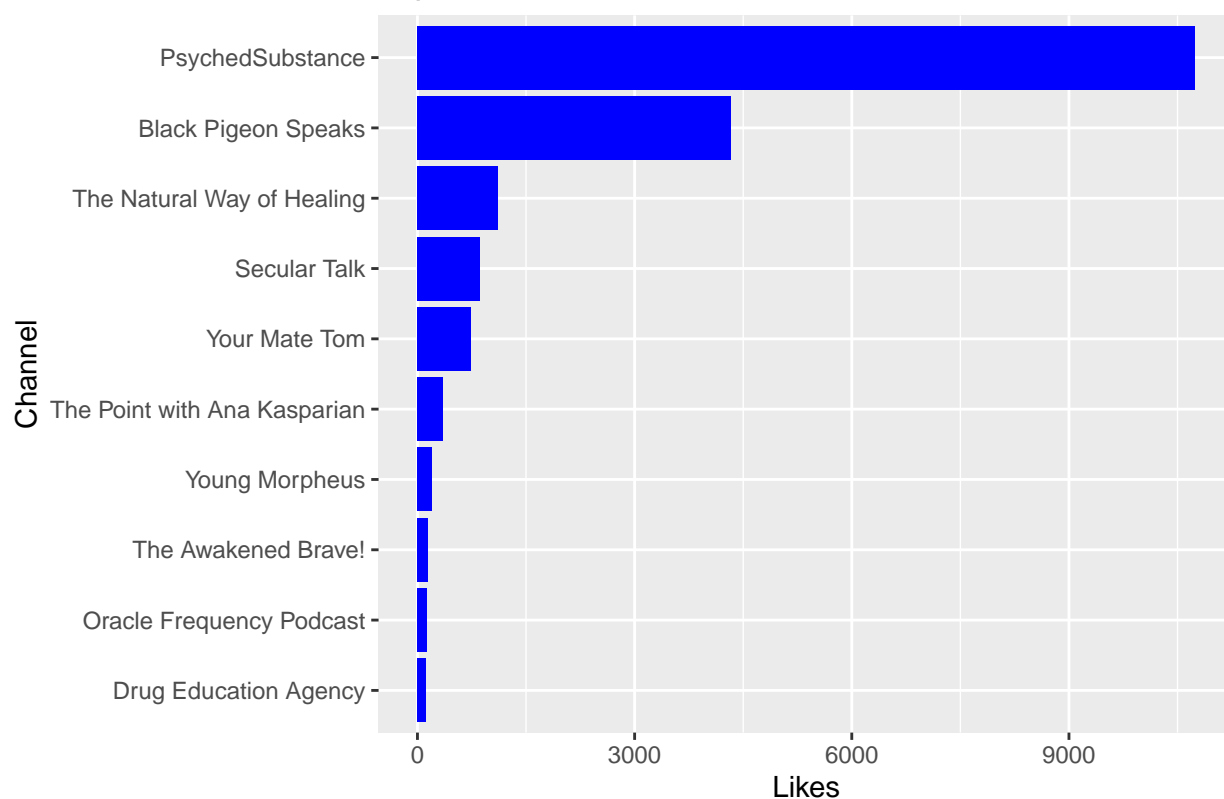
ggplot(data = top10channel, aes(x = reorder(channelTitle, TotalViews), y = TotalViews)) +
  geom_bar(stat = "identity", fill = "blue") +
  coord_flip() +
  ggtitle("Top 10 Most Viewed Channel") +
  ylab("Views") +
  xlab("Channel")
```



```
top10likechannel <- summarise(youtube_data1, TotalLike = sum(likeCount)) %>%
  arrange(desc(TotalLike)) %>%
  head(10)

ggplot(data = top10likechannel, aes(x = reorder(channelTitle, TotalLike), y = TotalLike)) +
  geom_bar(stat = "identity", fill = "blue") +
  coord_flip() +
  ggtitle("Top 10 Most Liked Channel") +
  ylab("Likes") +
  xlab("Channel")
```

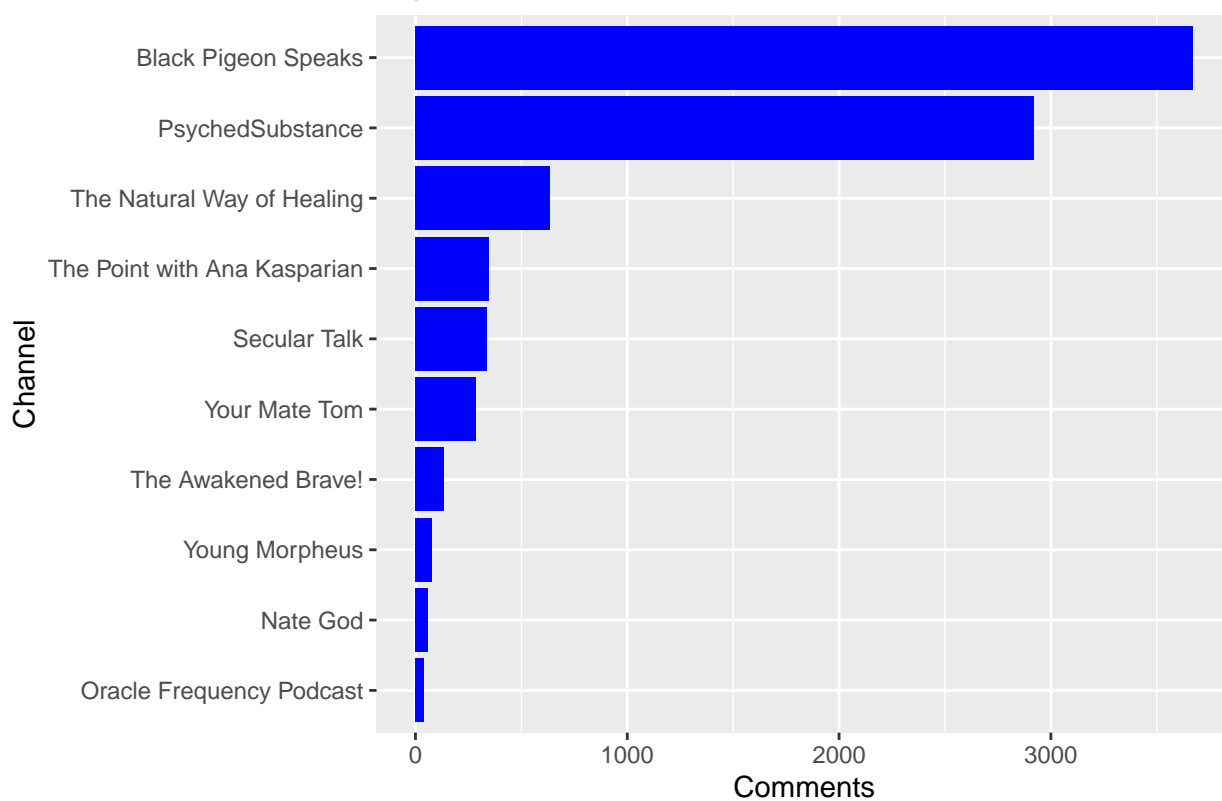
### Top 10 Most Liked Channel



```
top10commentchannel <- summarise(youtube_data1, TotalComment = sum(commentCount)) %>%
  arrange(desc(TotalComment)) %>%
  head(10)

ggplot(data = top10commentchannel, aes(x = reorder(channelTitle, TotalComment), y = TotalComment)) +
  geom_bar(stat = "identity", fill = "blue") +
  coord_flip() +
  ggtitle("Top 10 Most Comment Channel") +
  ylab("Comments") +
  xlab("Channel")
```

## Top 10 Most Comment Channel



```
top10commentchannel <- summarise(youtube_data1, TotalComment = sum(commentCount)) %>%
  arrange(desc(TotalComment)) %>%
  head(10)

ggplot(data = top10commentchannel, aes(x = reorder(channelTitle, TotalComment), y = TotalComment)) +
  geom_bar(stat = "identity", fill = "blue") +
  coord_flip() +
  ggtitle("Top 10 Most Comment Channel") +
  ylab("Comments") +
  xlab("Channel")
```

Top 10 Most Comment Channel

