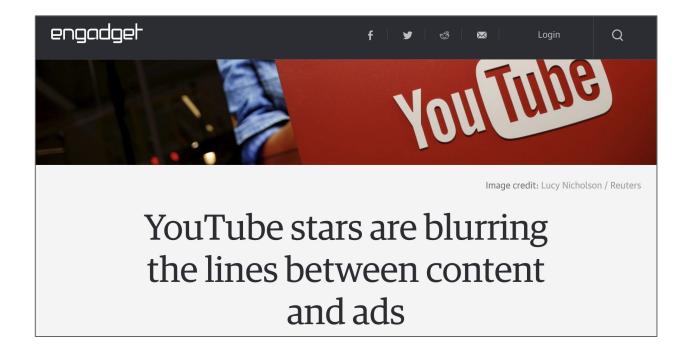
April Harry

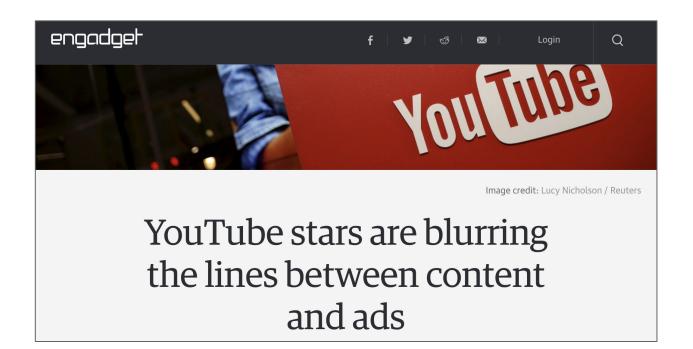
Sponliew

Identifying sponsored content in YouTube videos

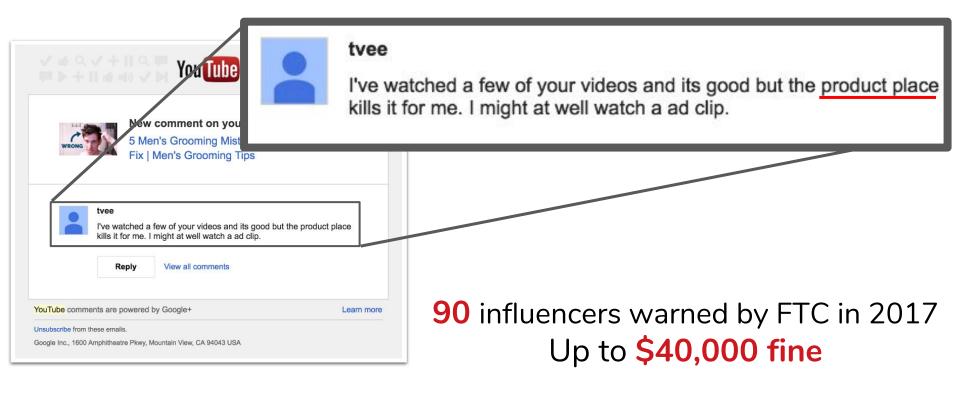
YouTube content creators partner with brands for ads



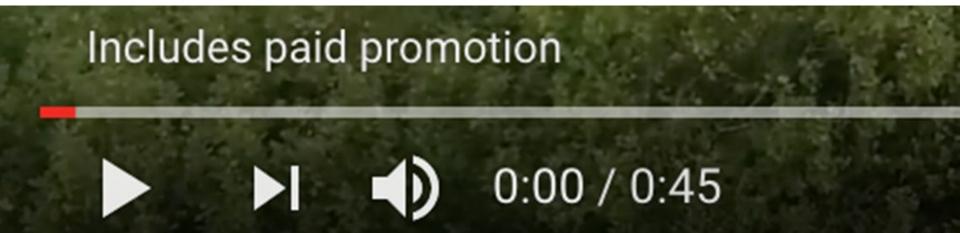
Some fail to disclose sponsored content, against YouTube's Terms of Service



Mislead subscribers out of fear of losing views

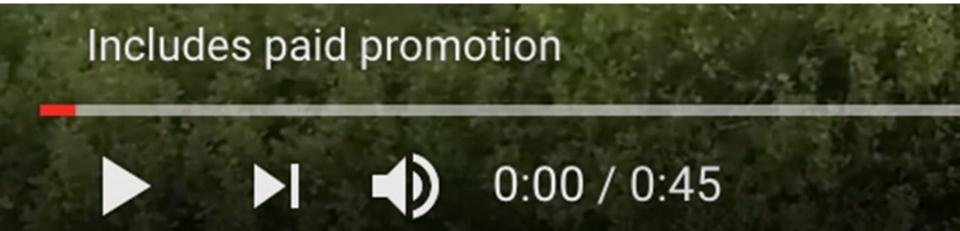


New feature makes it easier to disclose sponsorship



New feature makes it easier to disclose sponsorship

...but these ToS violations still occur



How to identify sponsored videos?

SponView

www.sponview.site

Scraped auto-generated captions from YouTube videos







"Hello and welcome to my fishing channel, you are welcomed."

Processed captions using | NLTK | and |





"Hello and welcome to my fishing channel, you are welcomed."

Remove **Stop Words**

"hello welcome fishing channel welcomed."

Processed captions using | Processed captions using using







"Hello and welcome to my fishing channel, you are welcomed."

"hello welcome fishing channel welcomed."



"hello welcom fish channel welcom."

Processed captions using | Processed captions using using



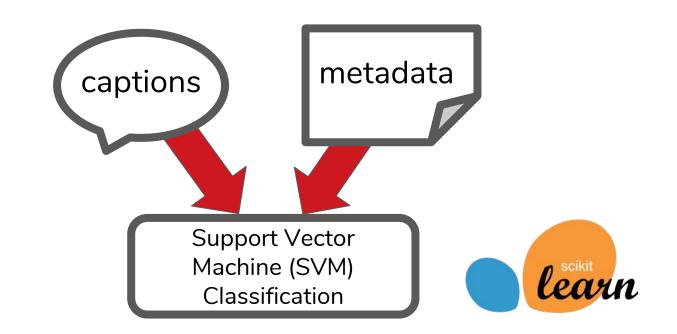


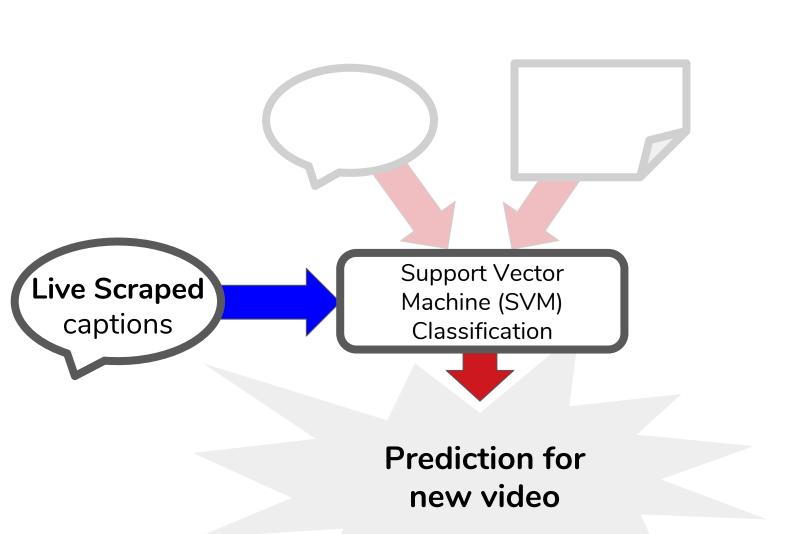
"Hello and welcome to my fishing channel, you are welcomed." "hello welcome fishing channel welcomed."

"hello welcom fish channel welcom."

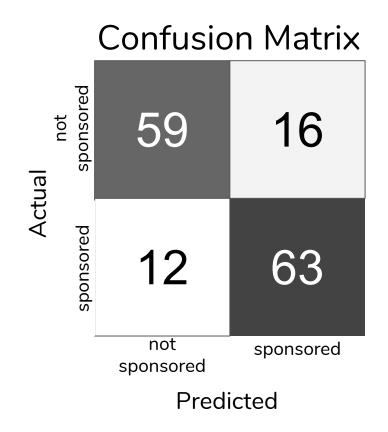




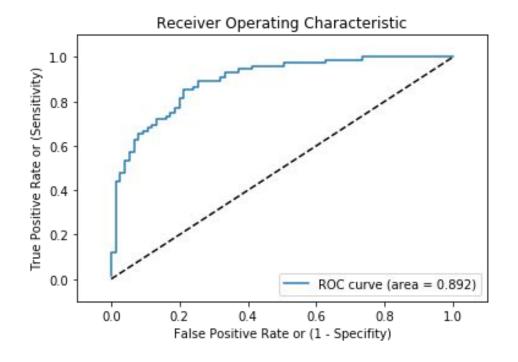




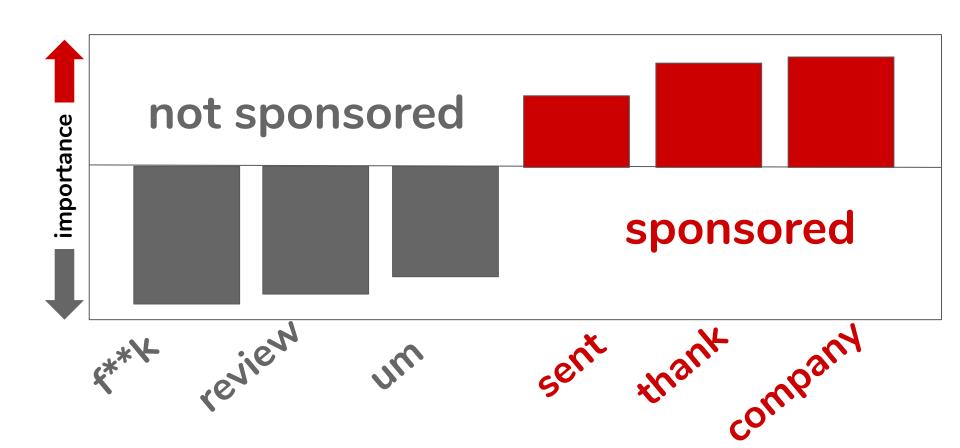
Predicts with 81% accuracy on test set



Area Under ROC = 0.89



Words characteristic of sponsored videos





YouTube identify Terms of Service violations



Usersmake informed viewership decisions



FTC enforce consumer protection laws

April Harry

PhD in Statistics from



