

# TEDTALK TIMELINE

Gauri Joshi  
Neha Bandal

<https://tedtalktimeline.github.io/>

# Introduction to TED Talk

- TED is a media organization which posts talks online for free distribution, under the slogan "ideas worth spreading".
- TED was founded in February 1984 as a conference, which has been held annually since 1990.
- Hundreds of different topics included
- Example:

[https://www.ted.com/talks/ken\\_robinson\\_says\\_schools\\_kill\\_creativity?referrer=playlist-the\\_most\\_popular\\_talks\\_of\\_all](https://www.ted.com/talks/ken_robinson_says_schools_kill_creativity?referrer=playlist-the_most_popular_talks_of_all)

[https://www.ted.com/talks/amy\\_cuddy\\_your\\_body\\_language\\_shapes\\_who\\_you\\_are?referrer=playlist-the\\_most\\_popular\\_talks\\_of\\_all](https://www.ted.com/talks/amy_cuddy_your_body_language_shapes_who_you_are?referrer=playlist-the_most_popular_talks_of_all)

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# Motivation

A lot of videos but not presented in user friendly manner

Need to organize or group videos as per user's selected topics

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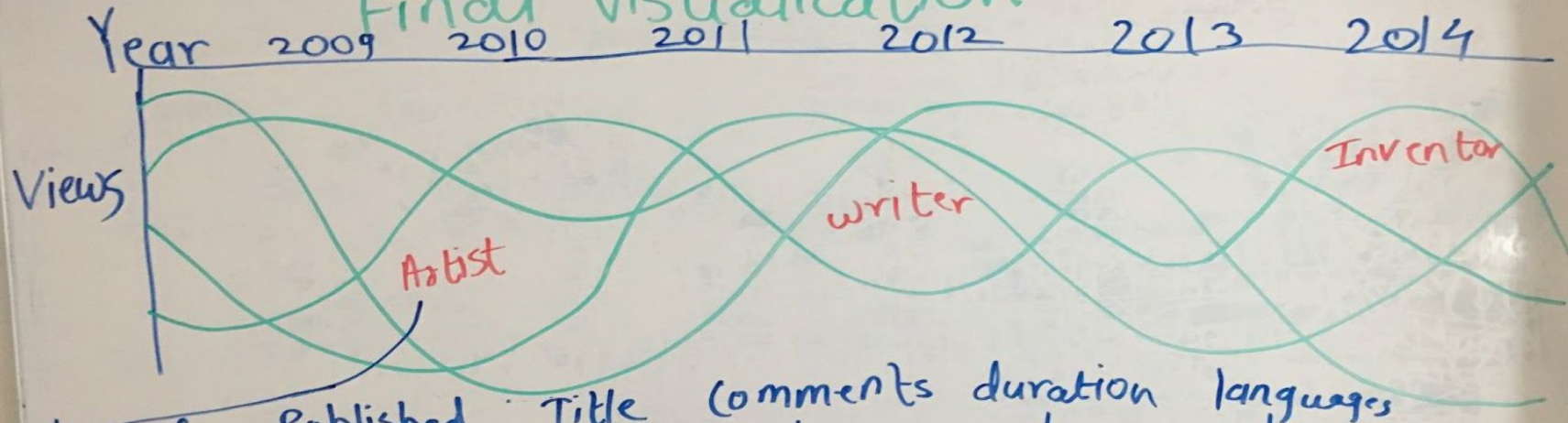
# Objectives

- Show the timeline of different Ted Talks based on different categories and number of views.
- Questions that can be answered from this project are:
  - Which are the most viewed talks in which year of all time? What does this tell us?
  - What kind of topics attract the maximum discussion and debate (in the form of comments)?
  - Diversity of speakers(Different category of individuals sharing their related or unrelated experience)?
  - Show related videos for each tedtalk
  - Top 10 Ted Talks

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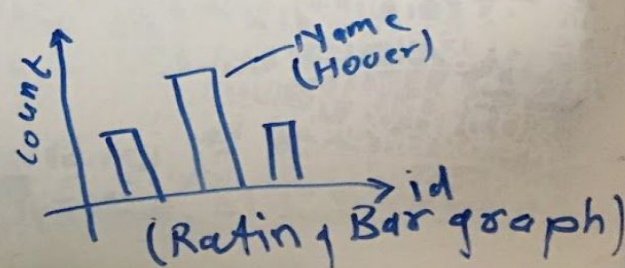


# Final Visualization



Video of speaker

list of Related videos



# Data

<https://www.kaggle.com/rounakbanik/ted-talks>

These datasets contain information about all audio-video recordings of TED Talks uploaded to the official TED.com website until September 21st, 2017.

CSV file with different columns.

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# Demo

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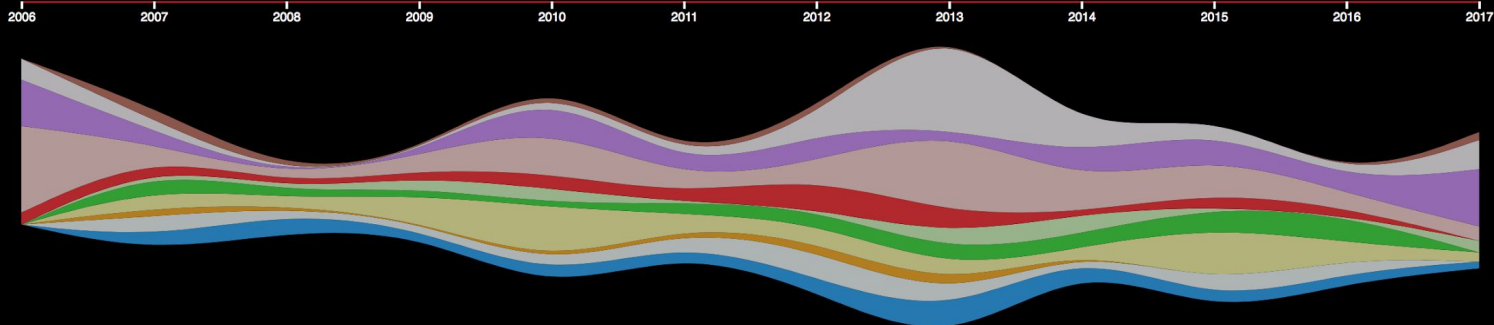
# Ted Talk Timeline

TED started as an annual, invite-only conference in 1984, but has since morphed into a global brand. Since 2006, TED.com has become a hub for thought-provoking ideas delivered by some of the world's brightest minds. With more than 2,500 talks recorded since its inception, the TED library continues to grow. Topics range from the future of the internet, to living stress-free, to even a love poem for lonely prime numbers.

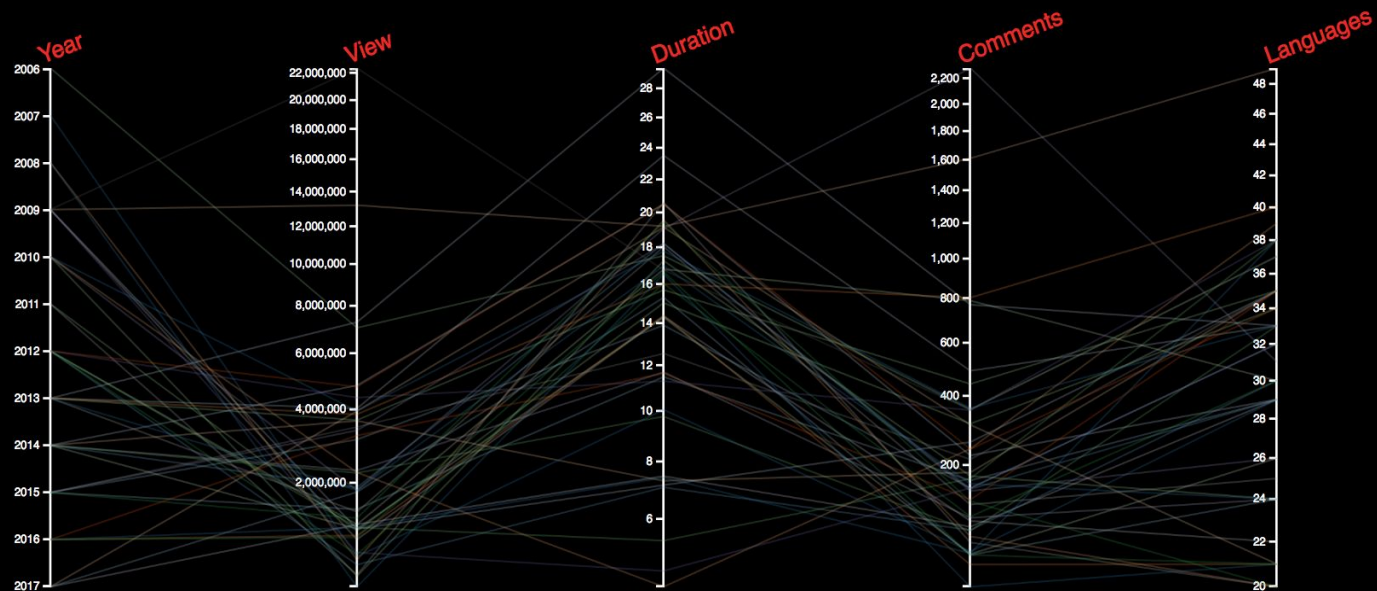
## Top Topics Included are

Architect, Artist, Designer, Engineer, Entrepreneur,  
Inventor, Musician, Photographer, Writer, Actor, Activist,  
Physicist

## Top 10 Ted talks

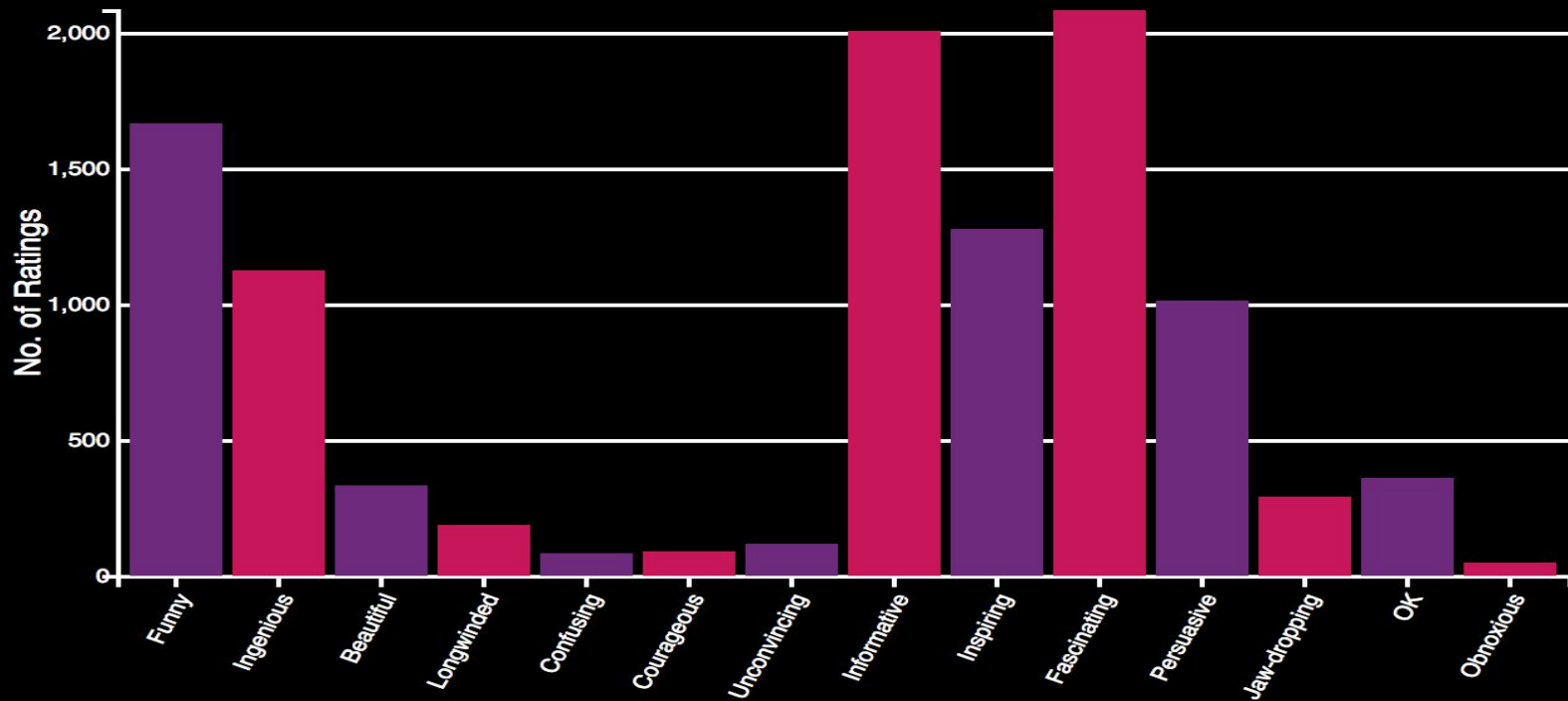


# Writer



occupation	year	view	speaker
Writer	2010	3951683	Steven Johnson
Writer	2014	1901605	Jennifer Senior
Writer	2015	3098476	Mandy Len Catron
Writer	2016	1122671	Steven Johnson
Writer	2013	4032150	Andrew Solomon
Writer	2016	3210972	Julia Galef
Writer	2016	992773	Siyanda Mohutsiwa
Writer	2008	644637	Richard Preston

## Choice, happiness and spaghetti sauce



# Challenges

- Data cleaning and filtering
- Trying to figure out way of embedding video
- Getting all visualizations on one page and on click event

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# Future scope

- Can link different datasets in one visualization.
- Improve front end of website.(including legends, bar graph color, on click on text box)
- Can try different combinations of visualization.

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# References

- <https://www.kaggle.com/rounakbanik/ted-data-analysis>
- <https://research.google.com/bigpicture/music/>
- [https://mef-bda503.github.io/pj-sevgilit/files/TED\\_Talks.html](https://mef-bda503.github.io/pj-sevgilit/files/TED_Talks.html)
- <https://www.kaggle.com/lpang36/analysis-of-ted-talk-ratings>

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Thank you!!!!!!