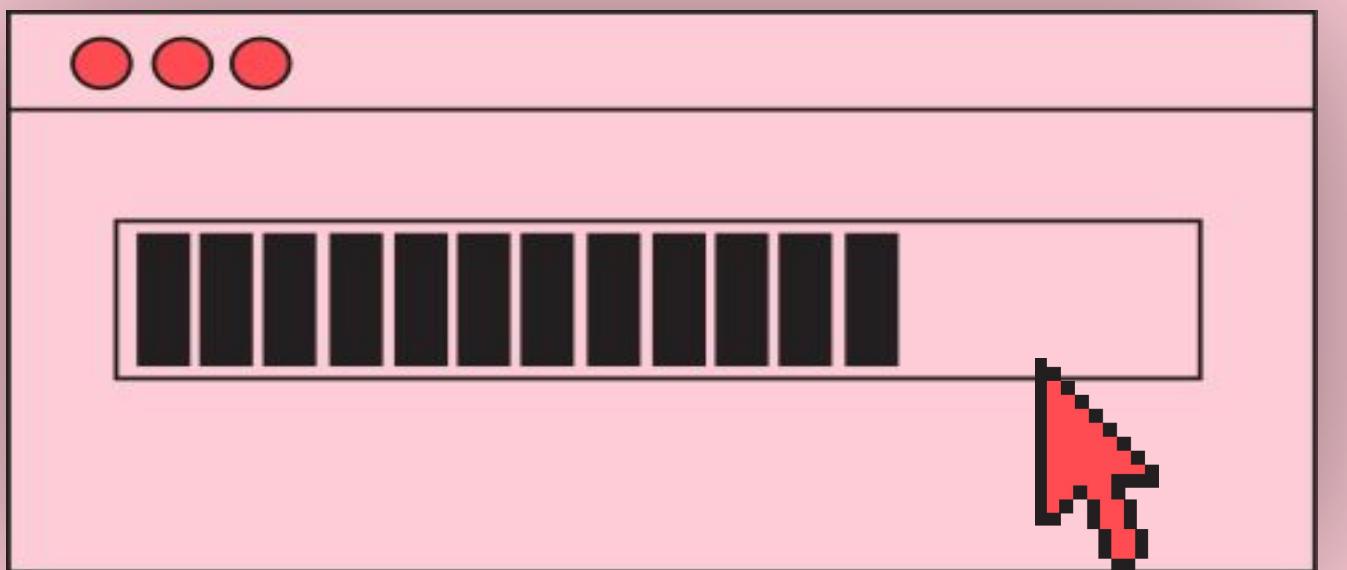
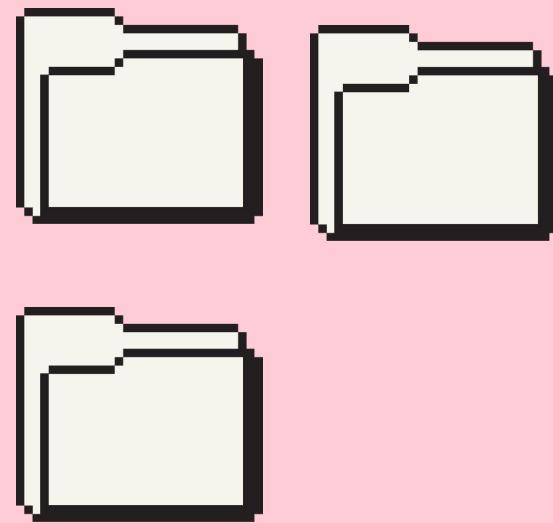


404 date
not found

ok let's gooo!



Elisa Cerdá Doñate
Ivet Petkova



Meaning of **true love** in English



true love

noun

UK /'tru: .lʌv/ US /'tru: .lʌv/

Add to word list

[U]

perfect romantic love between people:

- *Do you believe in true love?*

+

[C] literary

a person that you love:

- *She dreamed of meeting her true love.*

urban
DICTIONARY

Browse ▾ Store Blog Discord Advertise

Search

TrueLove

A feeling created when two souls are easily [drawn together](#) in life. Once together there is something created that is so beautiful and strong that people fear, admire, and envy it. When you have found that person they suddenly become the world to you. They light your way through life and never give up when things get tough. You cant help but put them on a [pedastool](#) of admiration, always complementing and telling them how absolutly amazing they are. Making a [sacrifice](#) for them is no struggle if that is [what you know](#) you must do to be together. All you will ever want is to be together. To cuddle in your true loves arms every night and wake up to their presence each following morning. You know all their quirks, what they like and dont, all their favorite places to be touched rubbed or scratched. You want nothing more then to share a life home and a family in the guaranteed happiness of the future. You are able to always say I love you and know deep down in your heart of hearts that it is [so real](#). With that love you are strong enough to go through anything you are faced with and it is all you will ever need. If the world stops spinning or if the sun never shines again you will have that love. Always!

There is [no example](#) that can be given. It isnt something that is taught. It can be observed but unless you can feel it you will never [truely](#) know. When you have it [it hits you](#) and you know with out a doubt that this is the love you want forever. That is TrueLove

by Shara55 April 14, 2010

1 like 655

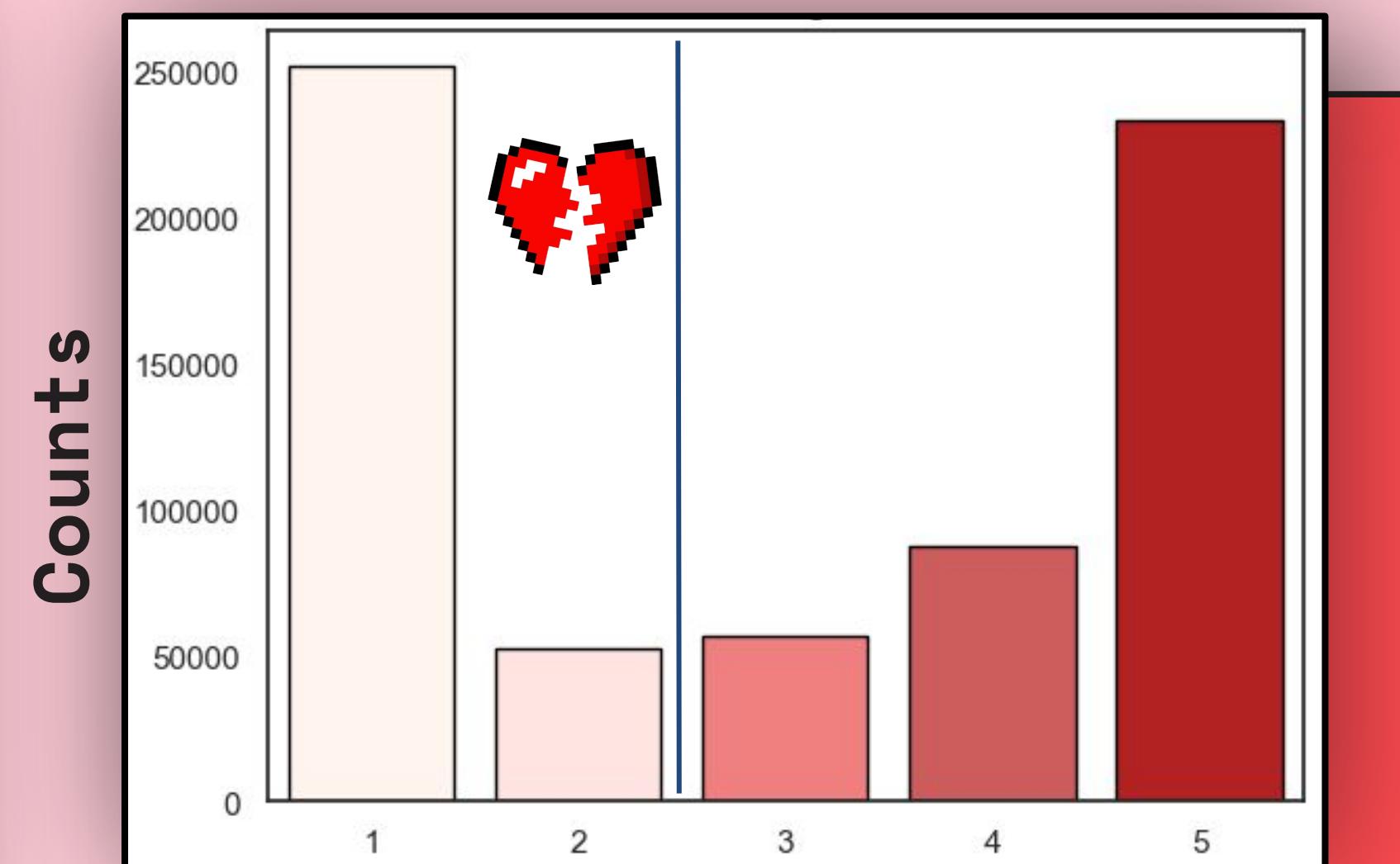
1 dislike 48

FLAG

Have users stopped believing in love?

Tinder, Hinge & Bumble Google Reviews & Ratings

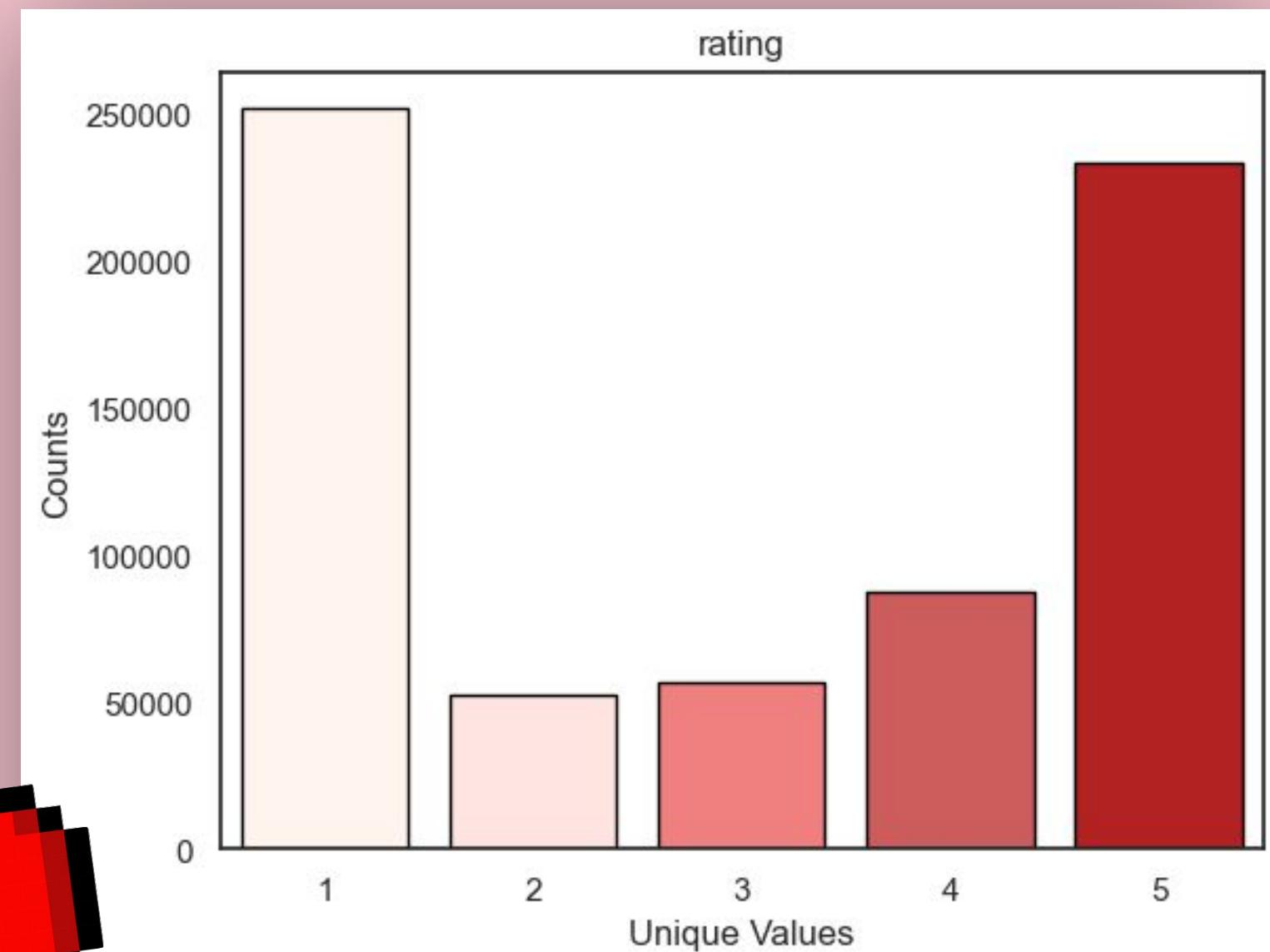
- **Information**
 - App, Date, Rating, Review, Thumbs-Up...
- **Origin**
 - Kaggle Google Play Review Dating App dataset
- **Dataset Size**
 - 689,368 rows x 8 columns



Have users stopped believing in love?

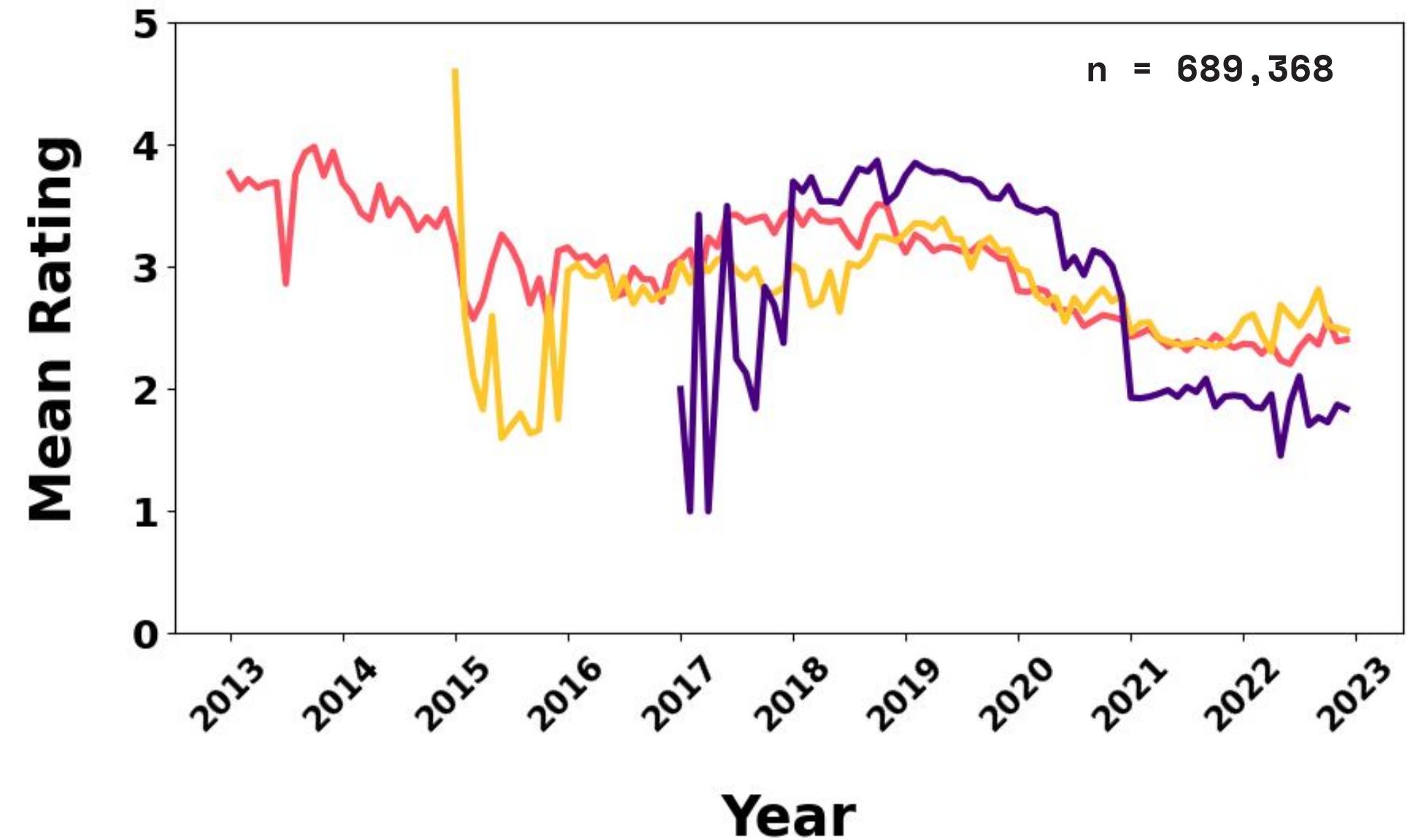
Tinder, Hinge & Bumble Google Reviews & Ratings

- **Information**
 - App, Date, Rating, Review, Thumbs-Up...
- **Origin**
 - Kaggle Google Play Review Dating App dataset
- **Dataset Size**
 - 689,368 rows x 8 columns



Love stats over the years

Mean App Rating Over Time



Total Reviews	
bumble	102,380
tinder	525,270
Hinge	52,992

Google Reviews Analysis



Google Reviews Analysis



Text Preprocessing



Merging text columns,
when needed

Text splitting into
words or tokens

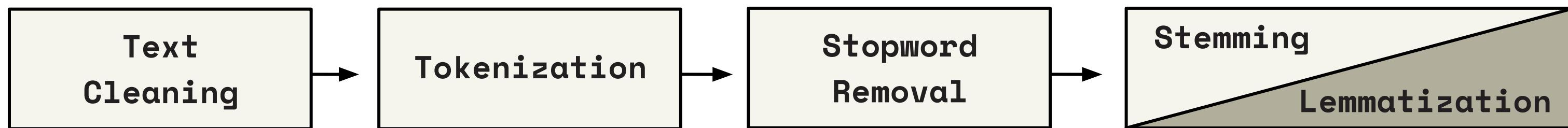
Removal of
non-significant words

- **Stemming:** reducing words to their root by removing suffixes
- **Lemmatization:** reducing words to their dictionary form by context

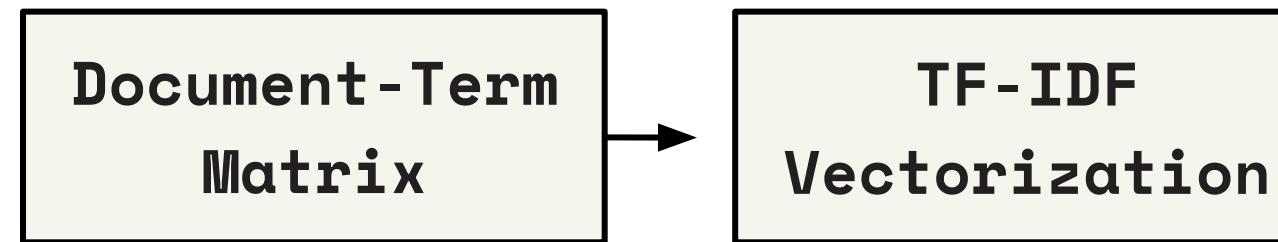
Google Reviews Analysis



Text Preprocessing



Feature Extraction



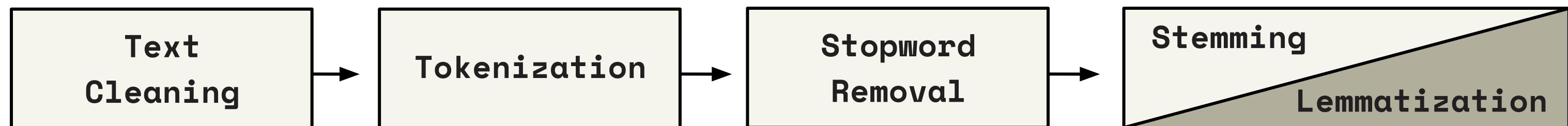
Text conversion into
matrix representing
word frequency

Generation of vectors
based on word
importance

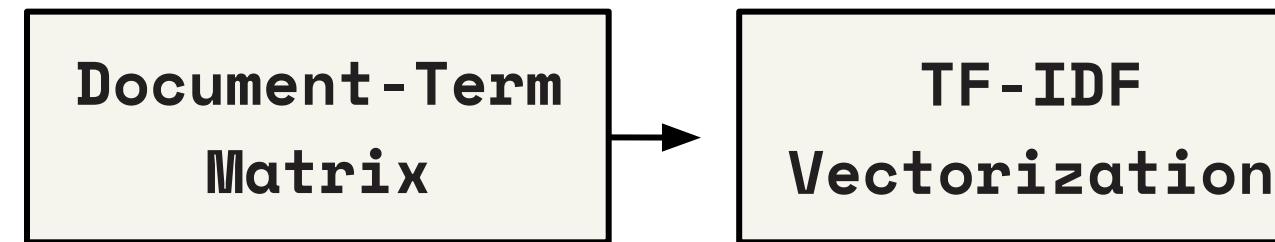
Google Reviews Analysis



Text Preprocessing



Feature Extraction



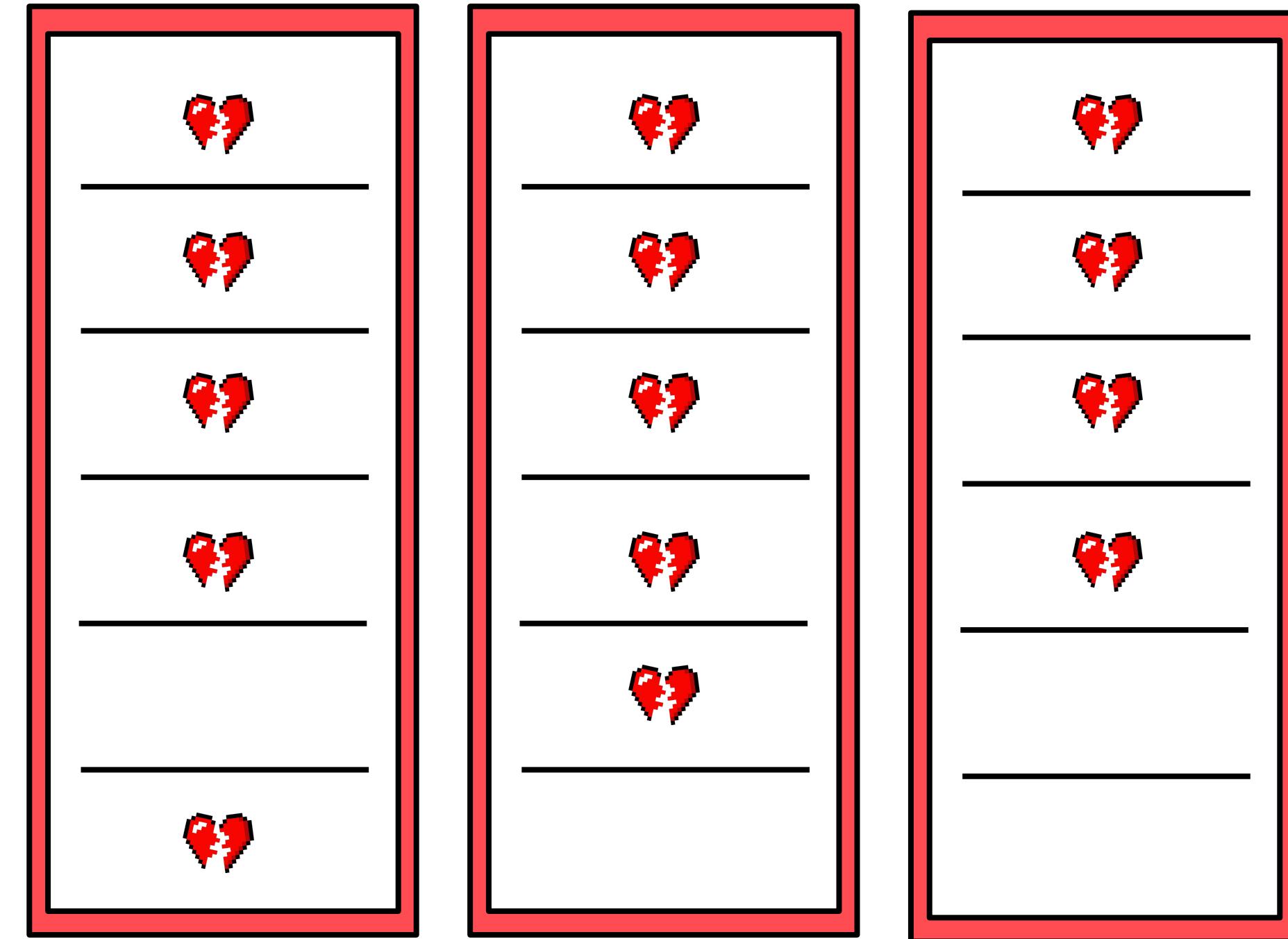
Topic Determination



Why did users stop believing in love?



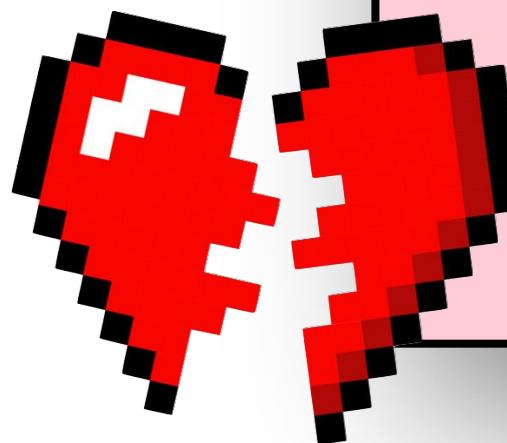
- Banned/Blocked Account**
- Fake Accounts**
- Notification Problems**
- Payments/Premium Subscriptions**
- No Matches**
- Login Problems**



Why did users stop believing in love?

**“Within 1 minute on the app
you will realize the app is full of
fake profiles and scammers
just like the tinder and bumble.**

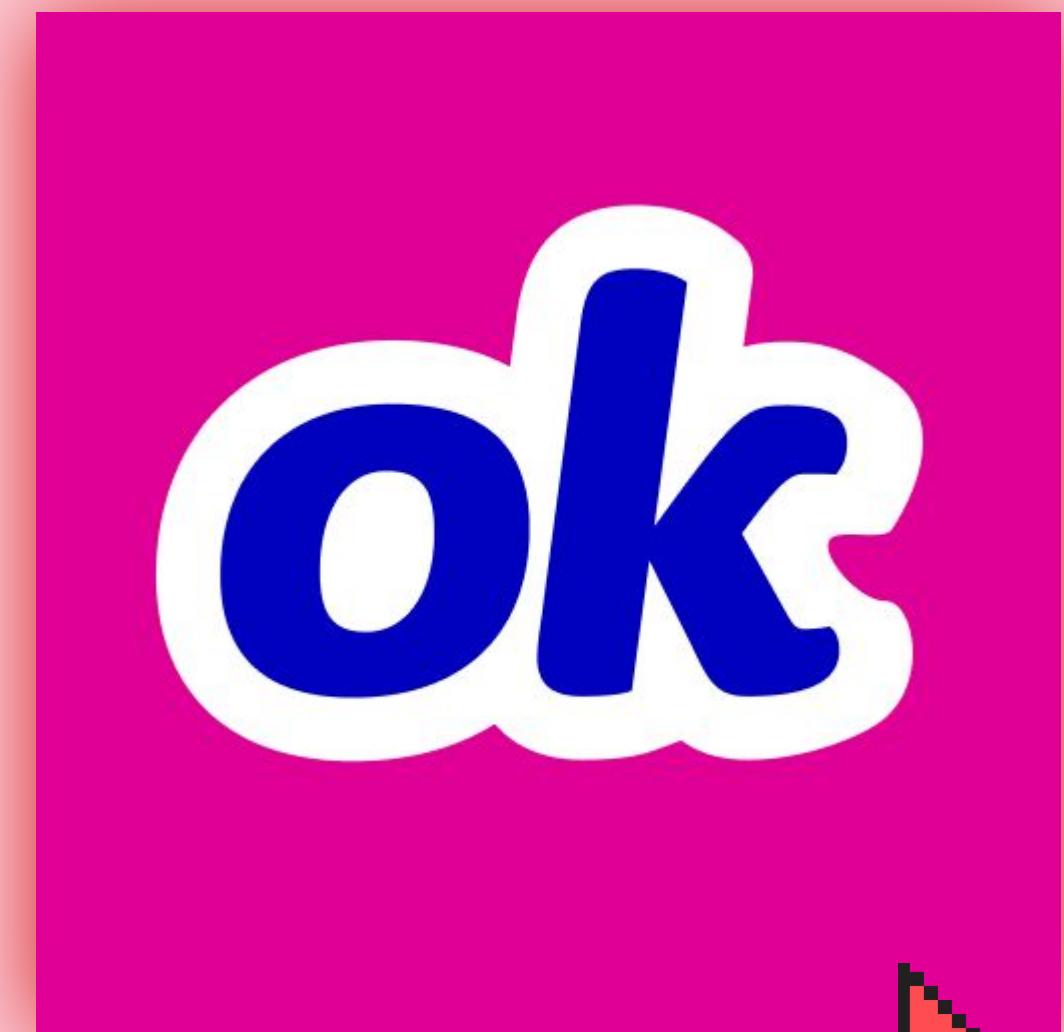
Good luck Chuck.”



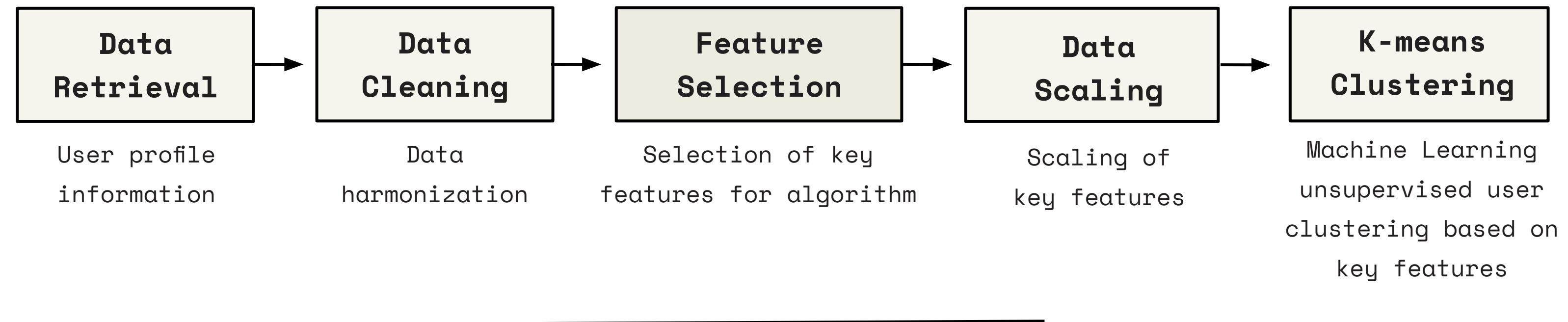
Match Making - Let's go!

OkCupid User Data

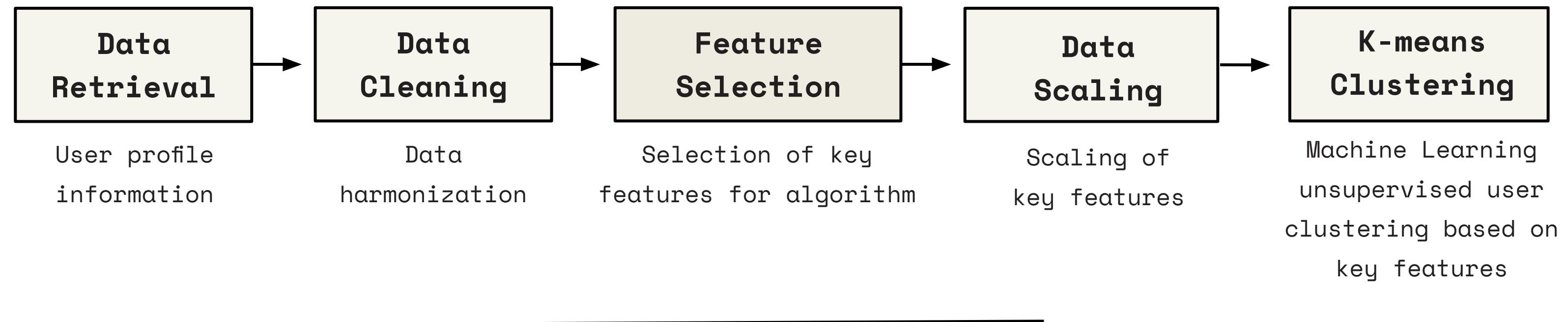
- **Information**
 - Age, Height, Gender, Education...
 - User Preferences
 - Bio/Essays
- **Origin**
 - Kaggle OkCupid Dataset (USA 2012-2013)
- **Dataset Size**
 - 60.000 rows x 12 columns



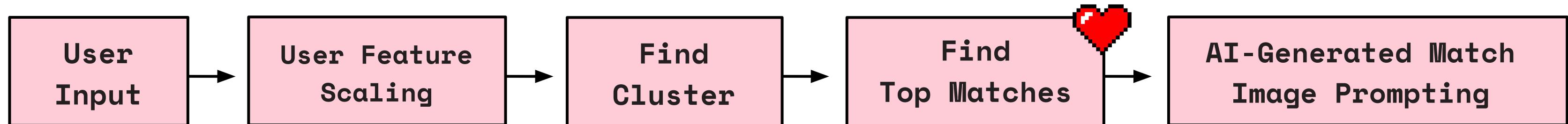
Data Pipeline

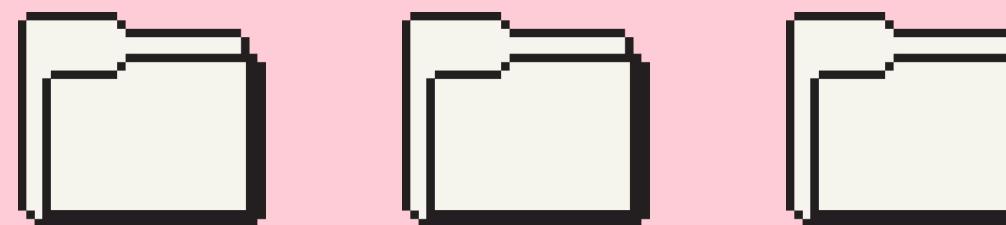


Data Pipeline

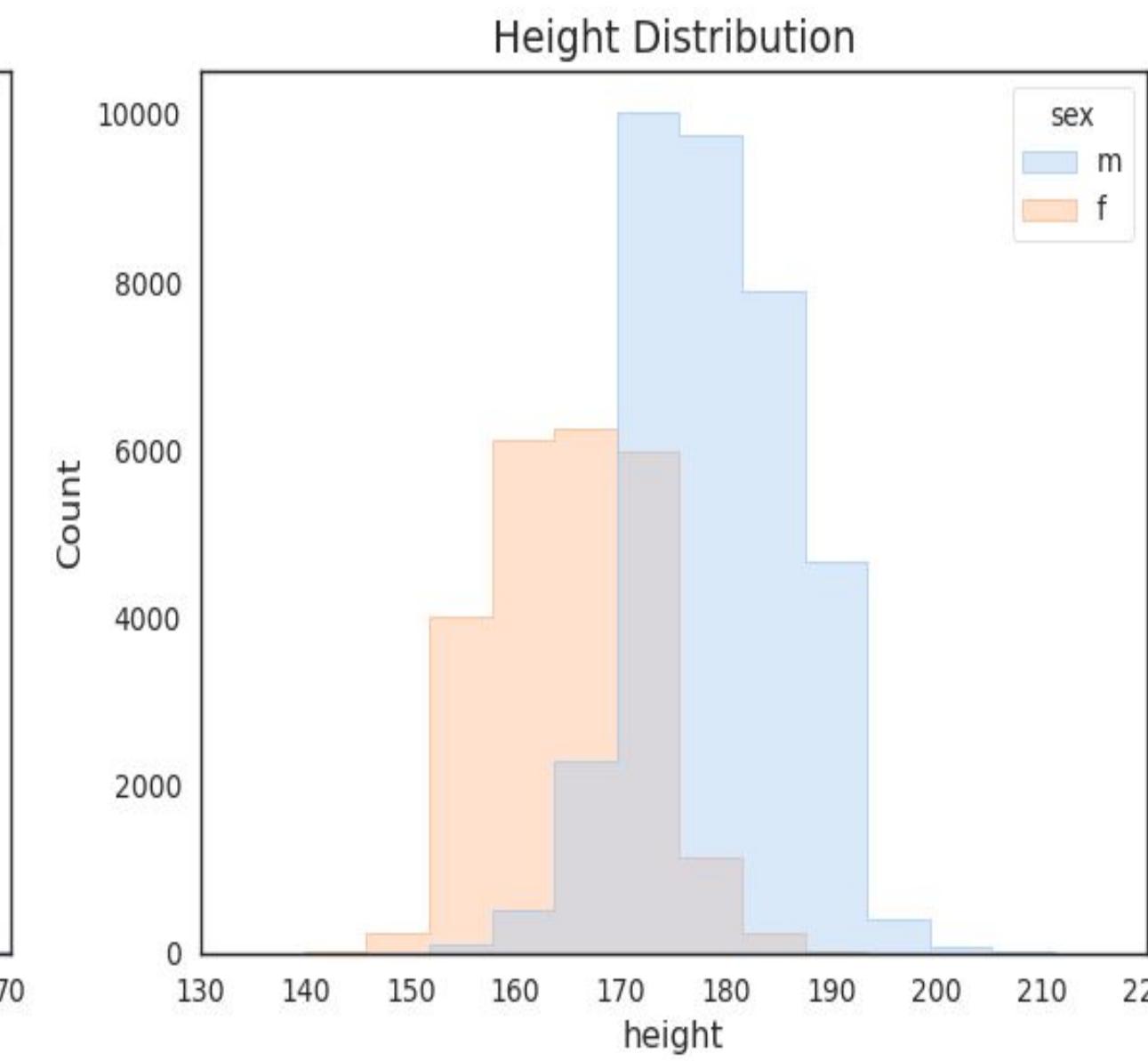
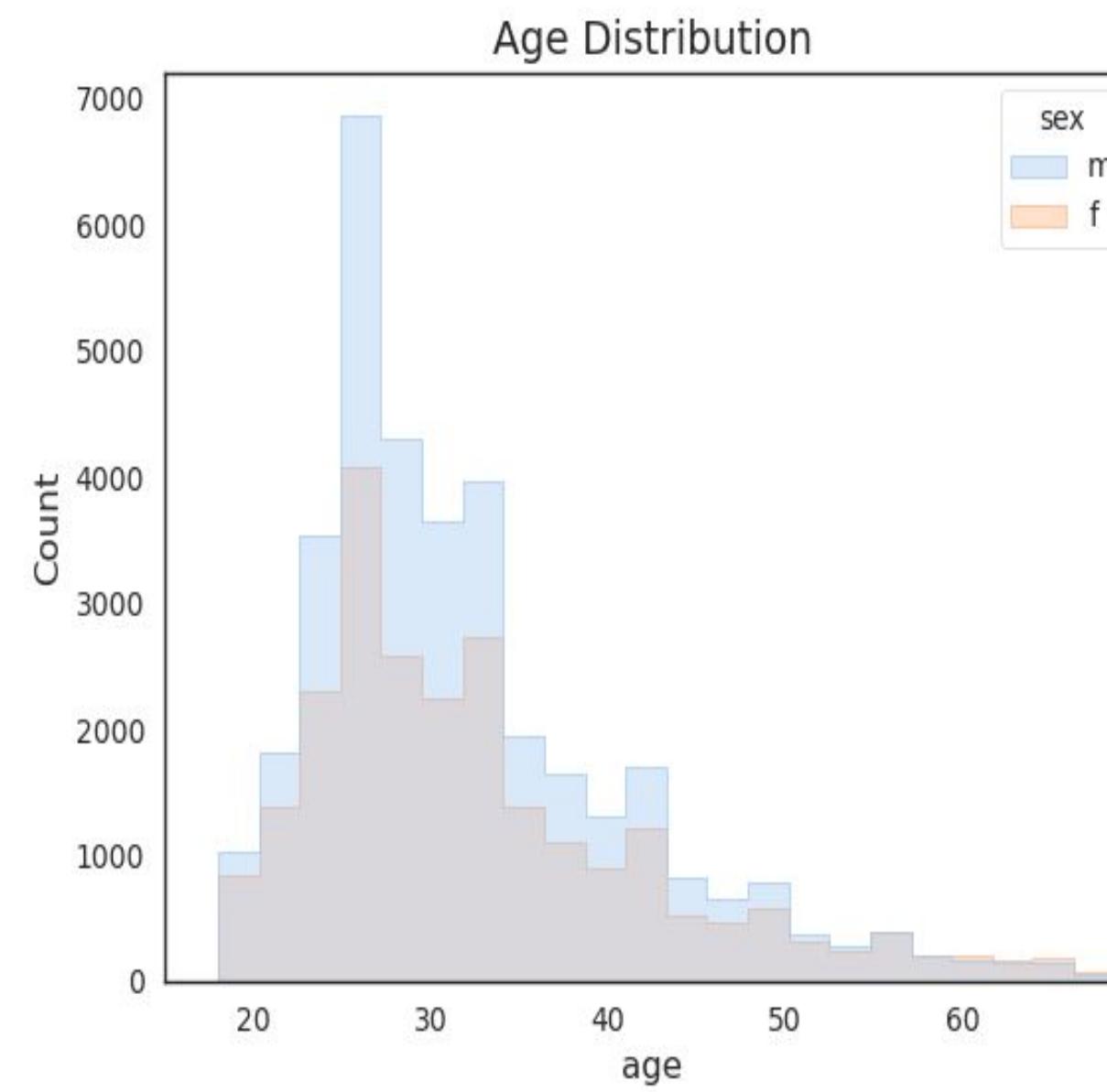


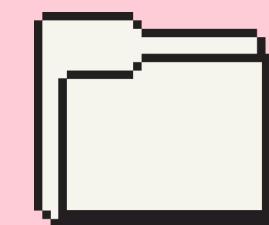
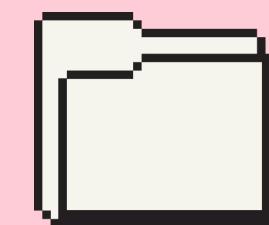
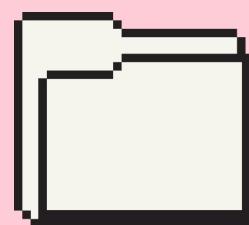
User Match Pipeline



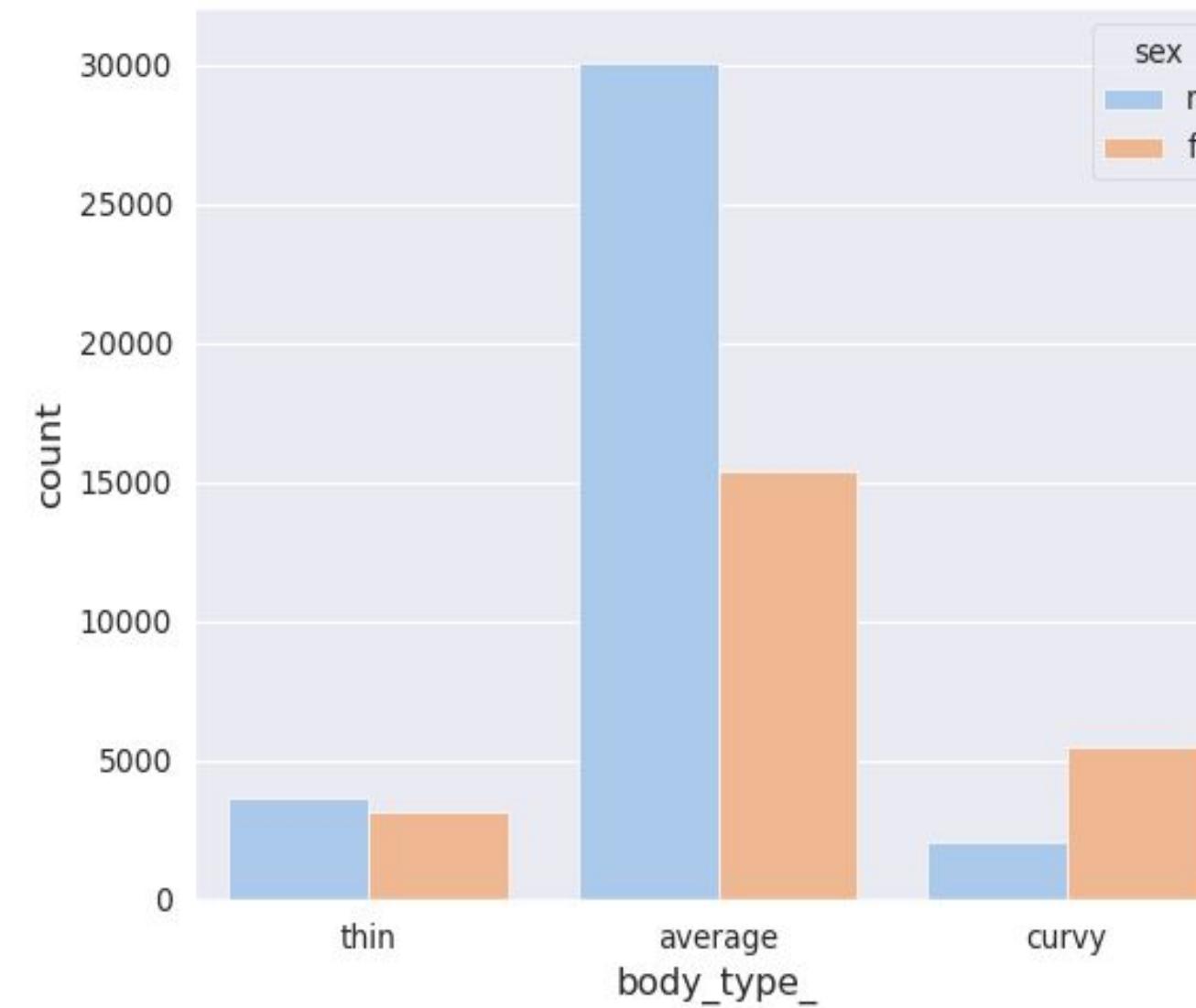


OkCupid users key demographics

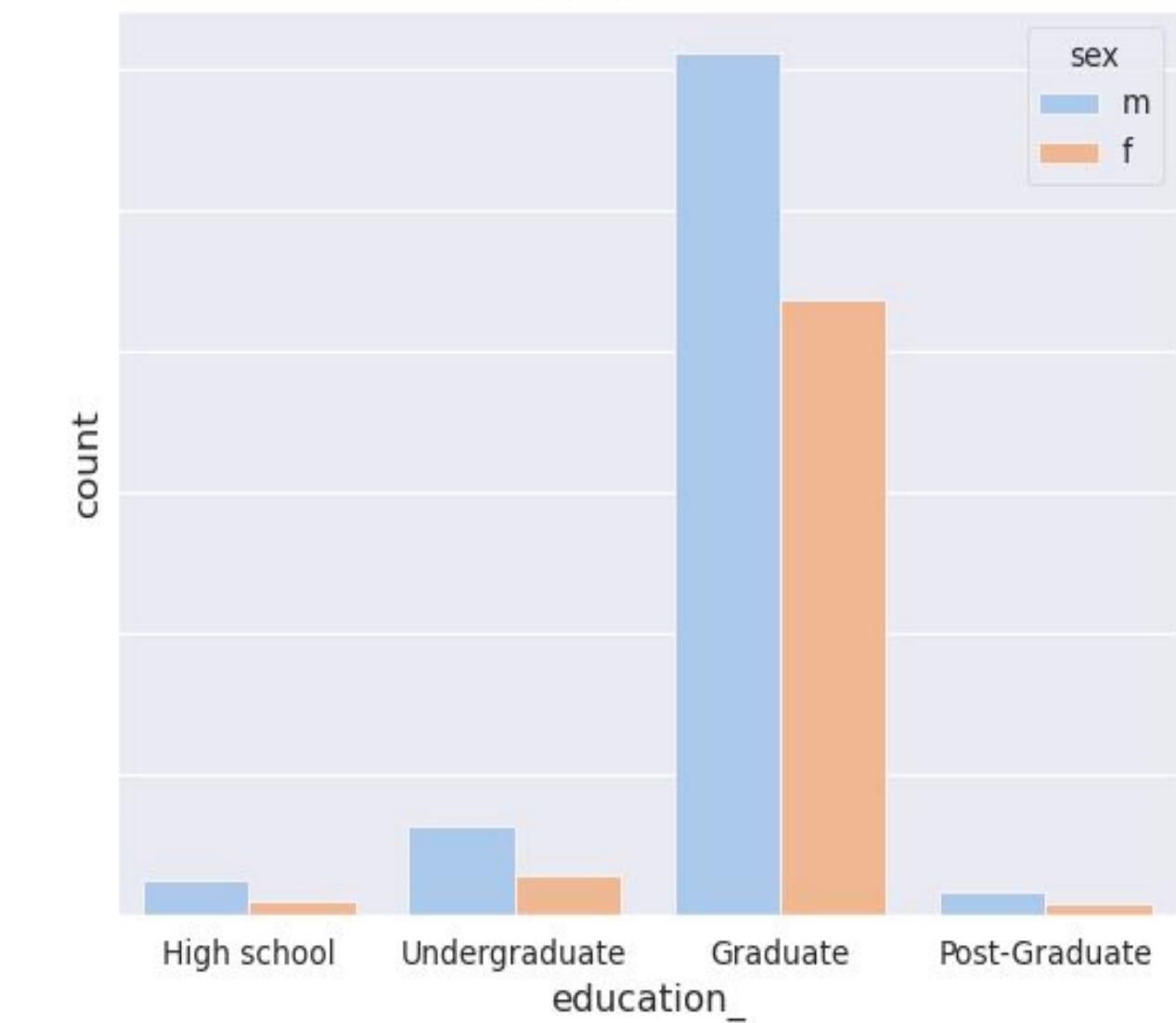


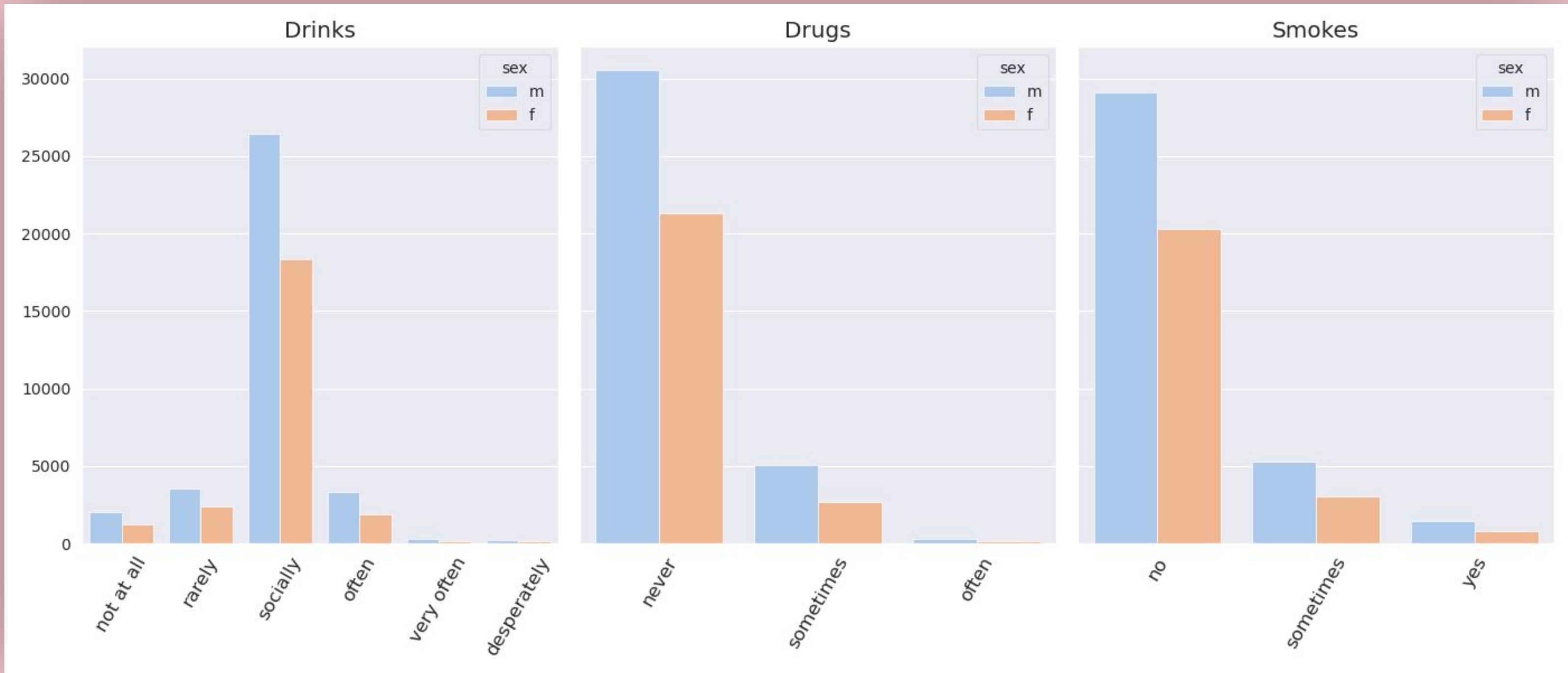
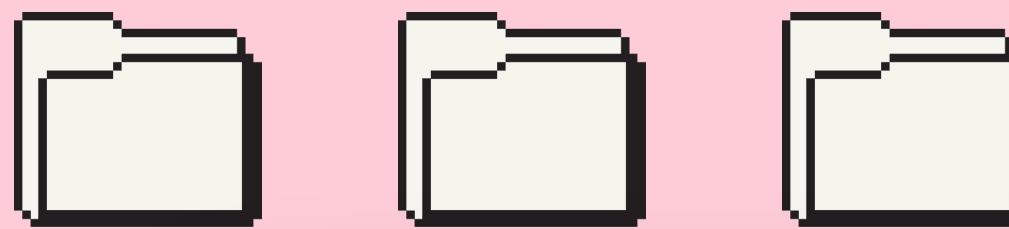


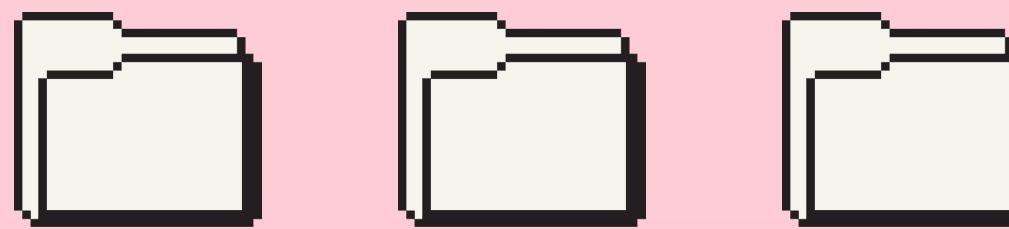
Body Type



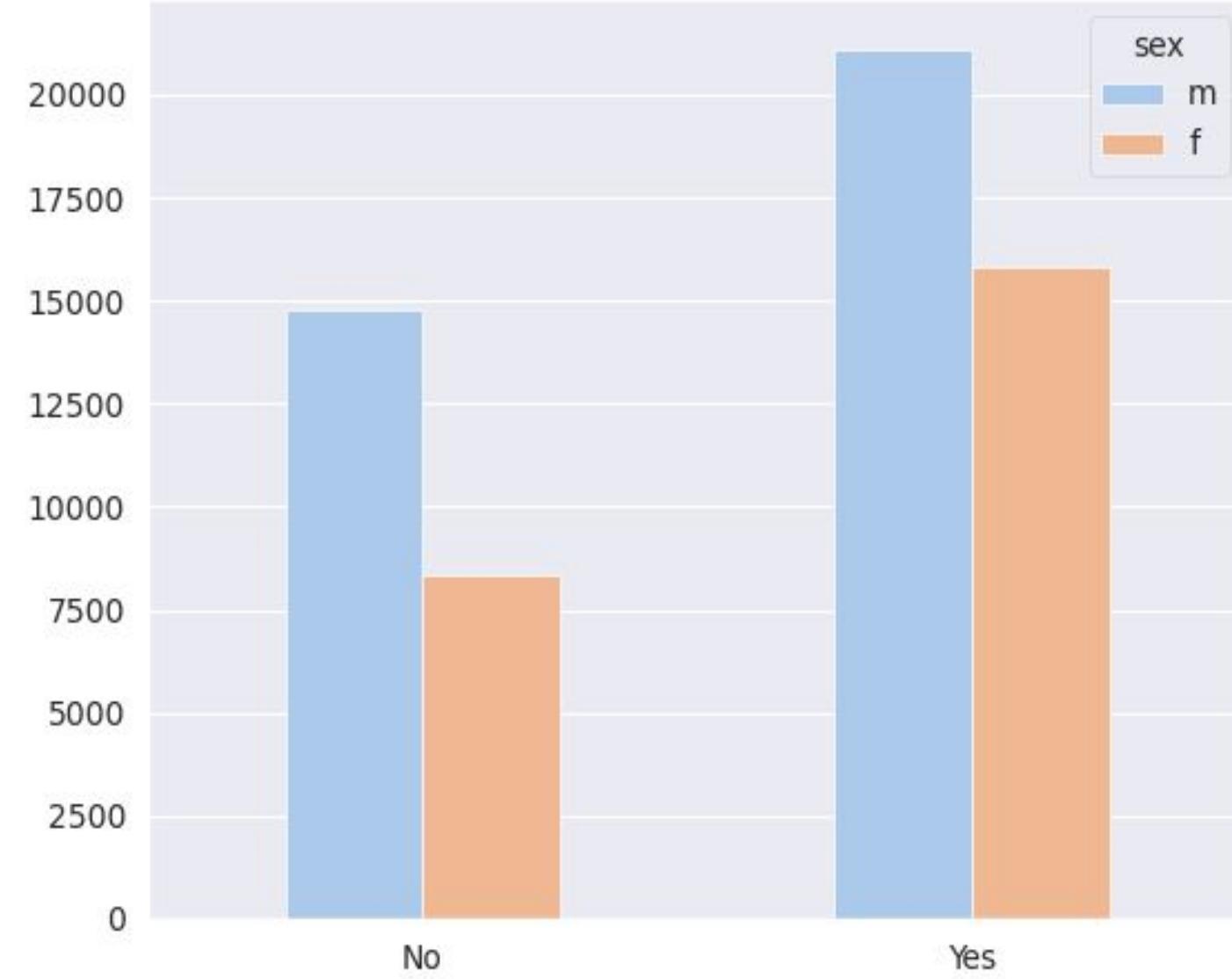
Education



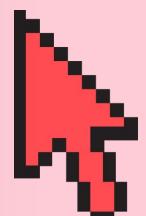
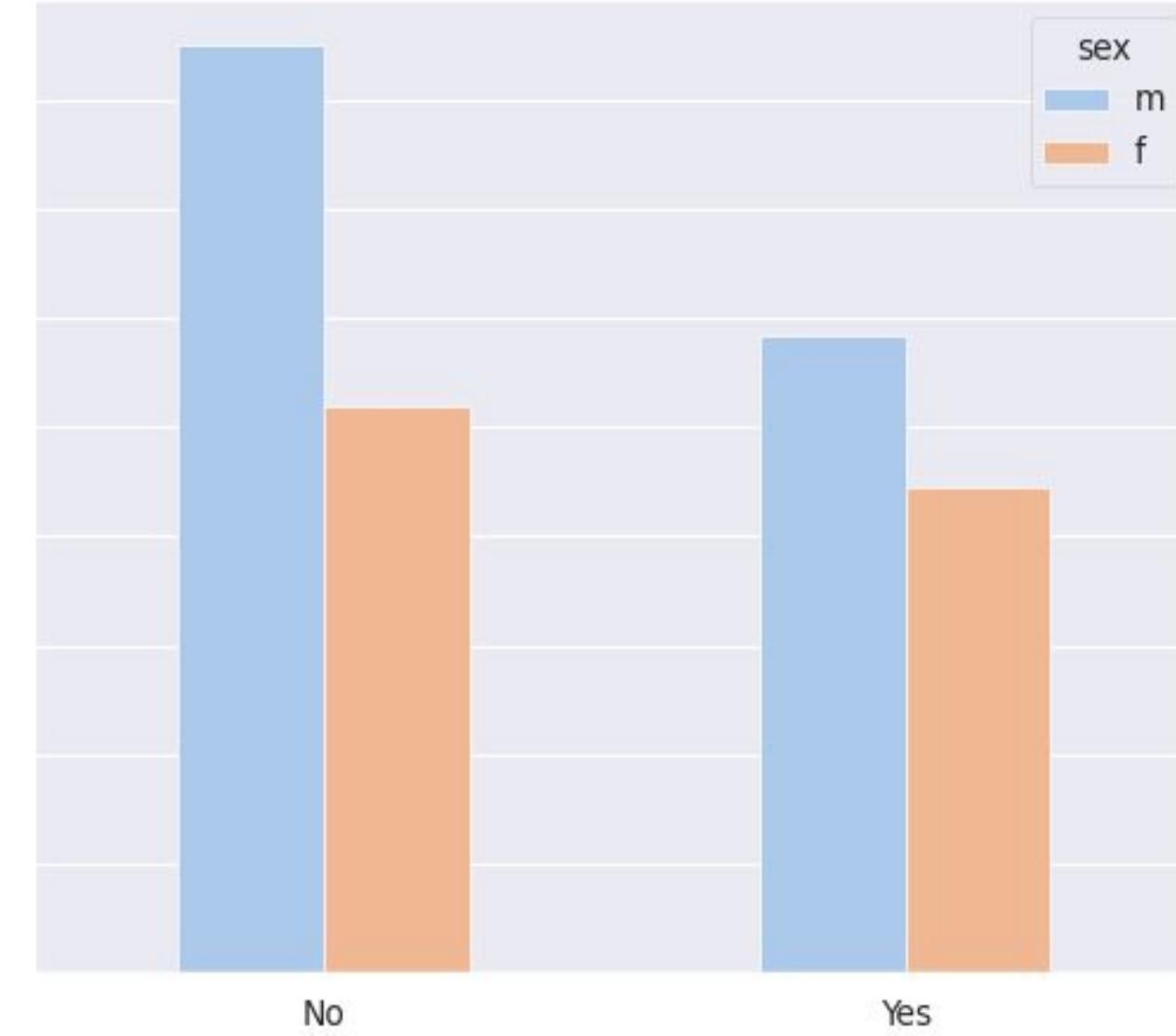


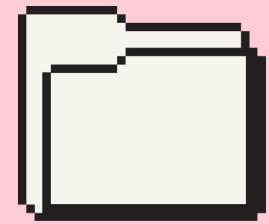
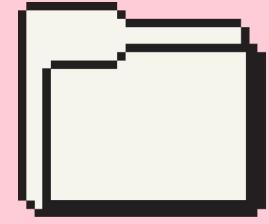
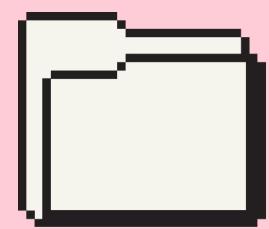


Likes Dogs



Likes Cats

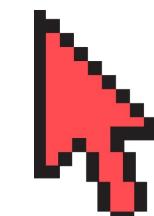


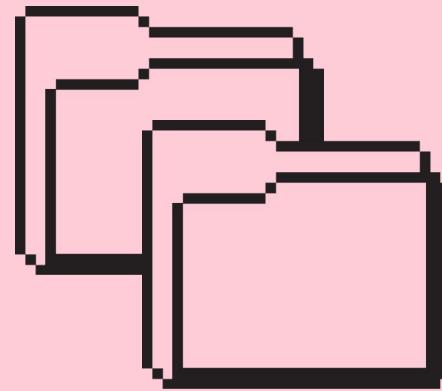


User Features

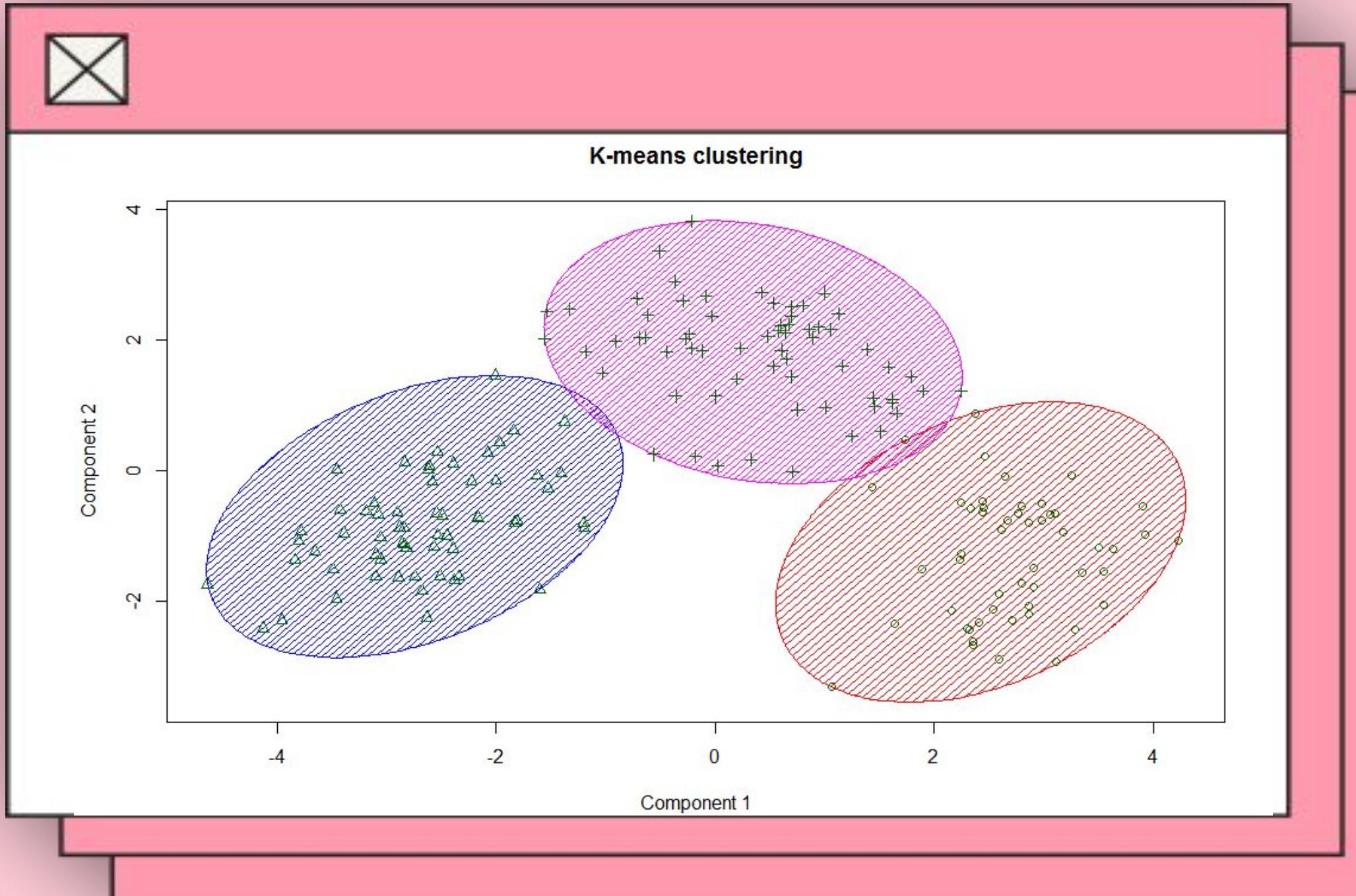
- > age
- > height
- > body type
- > education
- > likes dogs
- > likes cats
- > smokes
- > drinks
- > drugs

> ~~users bio~~





>K-means model

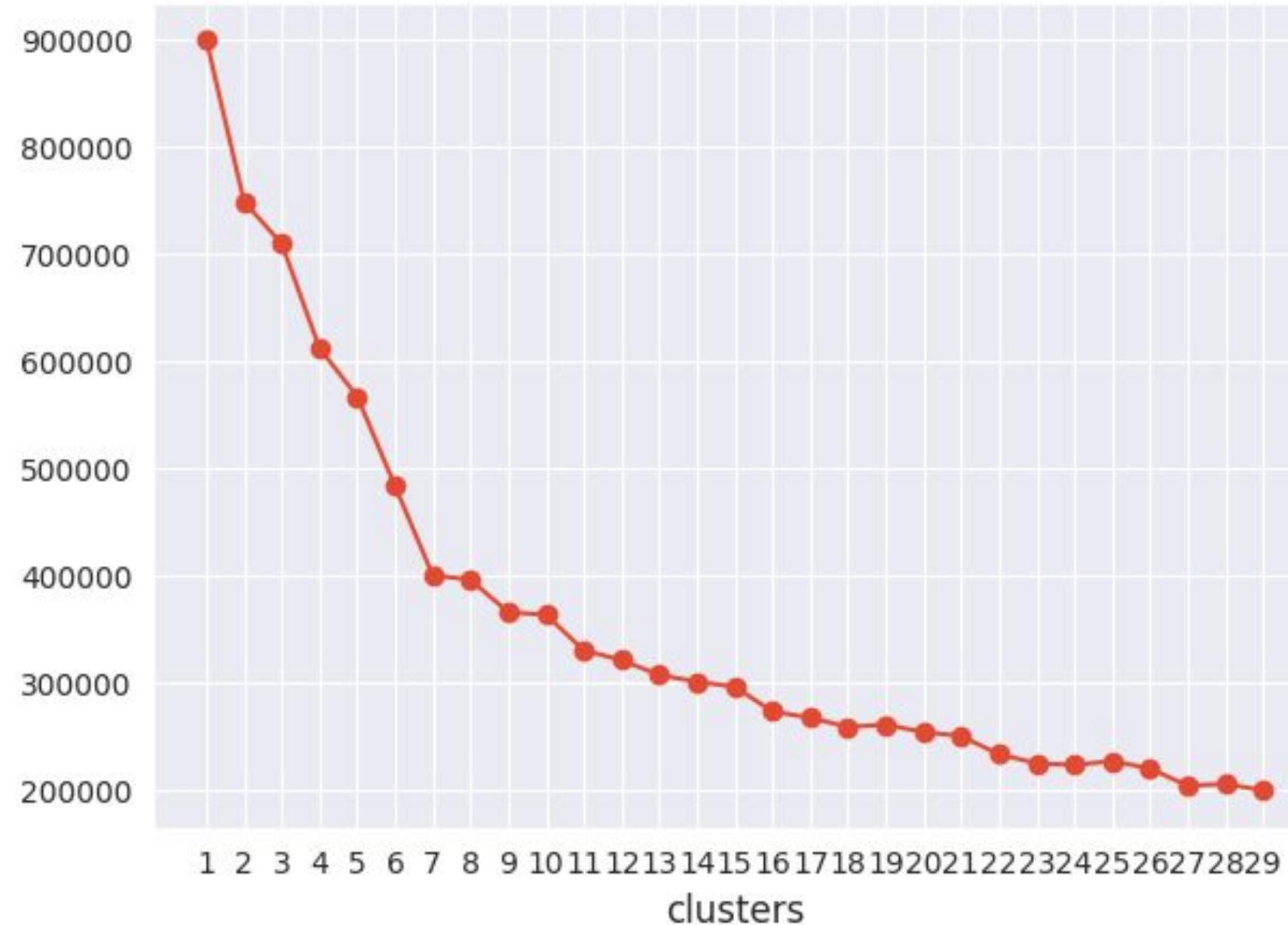


Definition: K-means

- Vector quantization method
- Split N observations into k clusters
- Each observation belongs to the cluster with the nearest mean



Inertia



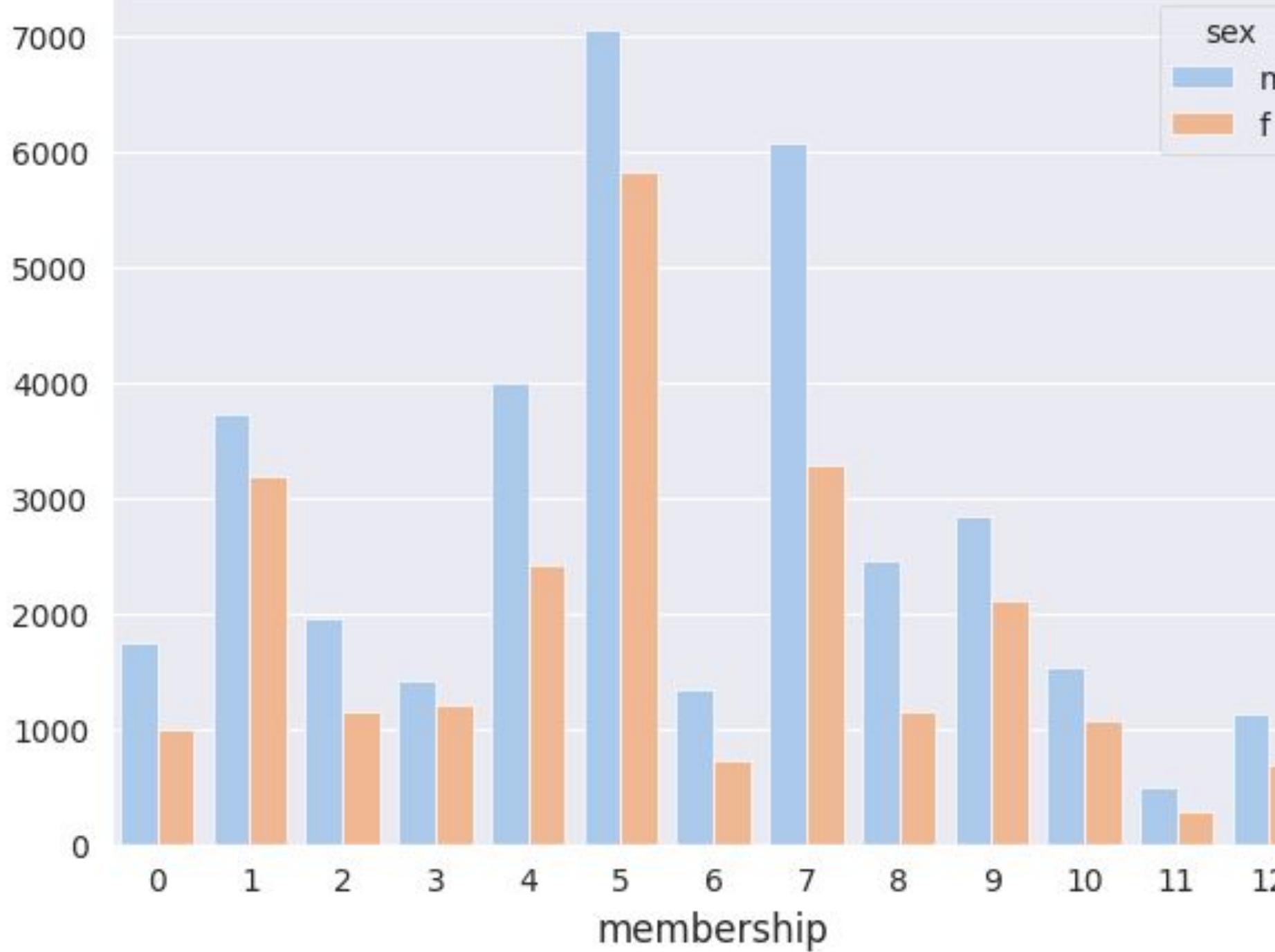
$k = 13$

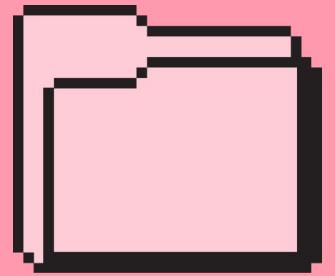
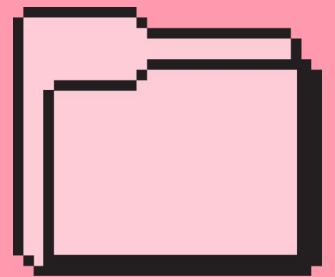
Definition: Inertia

Measures how well a dataset was clustered by K-Means.



Users per cluster





K
i
u
s
t



Ready for a match?

Yes

Yes



‘KLUST’ LOVE DEMO





'KLUST' LOVE DEMO

KLUST. Finding true love through K-means clusters.

KLUST

THIS IS ABOUT YOU

Age

Gender

Orientation

Education

Do you smoke?

Do you drink?

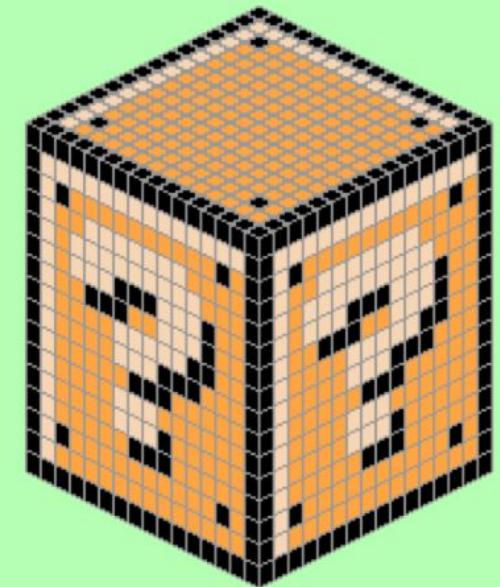
Do you take drugs?

Do you want kids?

Do you like cats?

Do you like dogs?

Find Me a Match!



INFORMATION ABOUT YOUR MATCH

id	age	height	body_type	sex	orientation	education	drinks
?	?	?	?	?	?	?	?

'KLUST' LOVE DEMO

KLUST. Finding true love through K-means clusters.

KLUST

THIS IS ABOUT YOU

Age
23

Gender
Female ▾

Orientation
Bisexual ▾

Education
Master ▾

Do you smoke?
No ▾

Do you drink?
No ▾

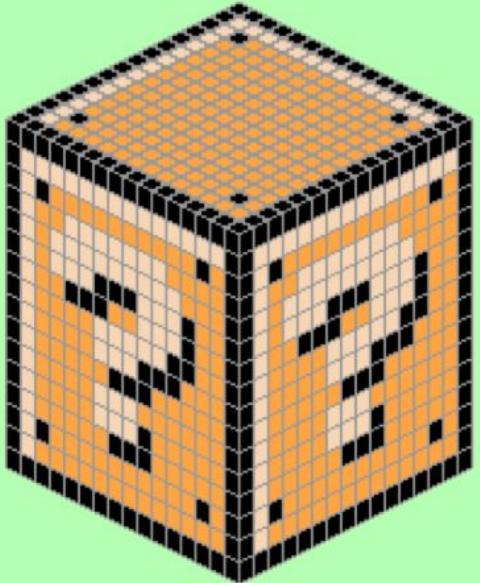
Do you take drugs?
Yes ▾

Do you want kids?
Yes ▾

Do you like cats?
Yes ▾

Do you like dogs?
Yes ▾

Find Me a Match!



INFORMATION ABOUT YOUR MATCH

id	age	height	body_type	sex	orientation	education	drinks
?	?	?	?	?	?	?	?

'KLUST' LOVE DEMO

KLUST. Finding true love through K-means clusters.

KLUST

THIS IS ABOUT YOU

Age
23

Gender
Female ▾

Orientation
Bisexual ▾

Education
Master ▾

Do you smoke?
No ▾

Do you drink?
No ▾

Do you take drugs?
Yes ▾

Do you want kids?
Yes ▾

Do you like cats?
Yes ▾

Do you like dogs?
Yes ▾

INFORMATION ABOUT YOUR MATCH

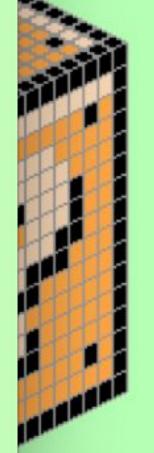
id	age	height	body_type	sex	orientation	education	drinks
?	?	?	?	?	?	?	?

Important Message For You

Looking for Love.

Please, be patient.

OK





'KLUST' LOVE DEMO

KLUST. Finding true love through K-means clusters.

KLUST

THIS IS ABOUT YOU

Age
23

Gender
Female ▾

Orientation
Bisexual ▾

Education
Master ▾

Do you smoke?
No ▾

Do you drink?
No ▾

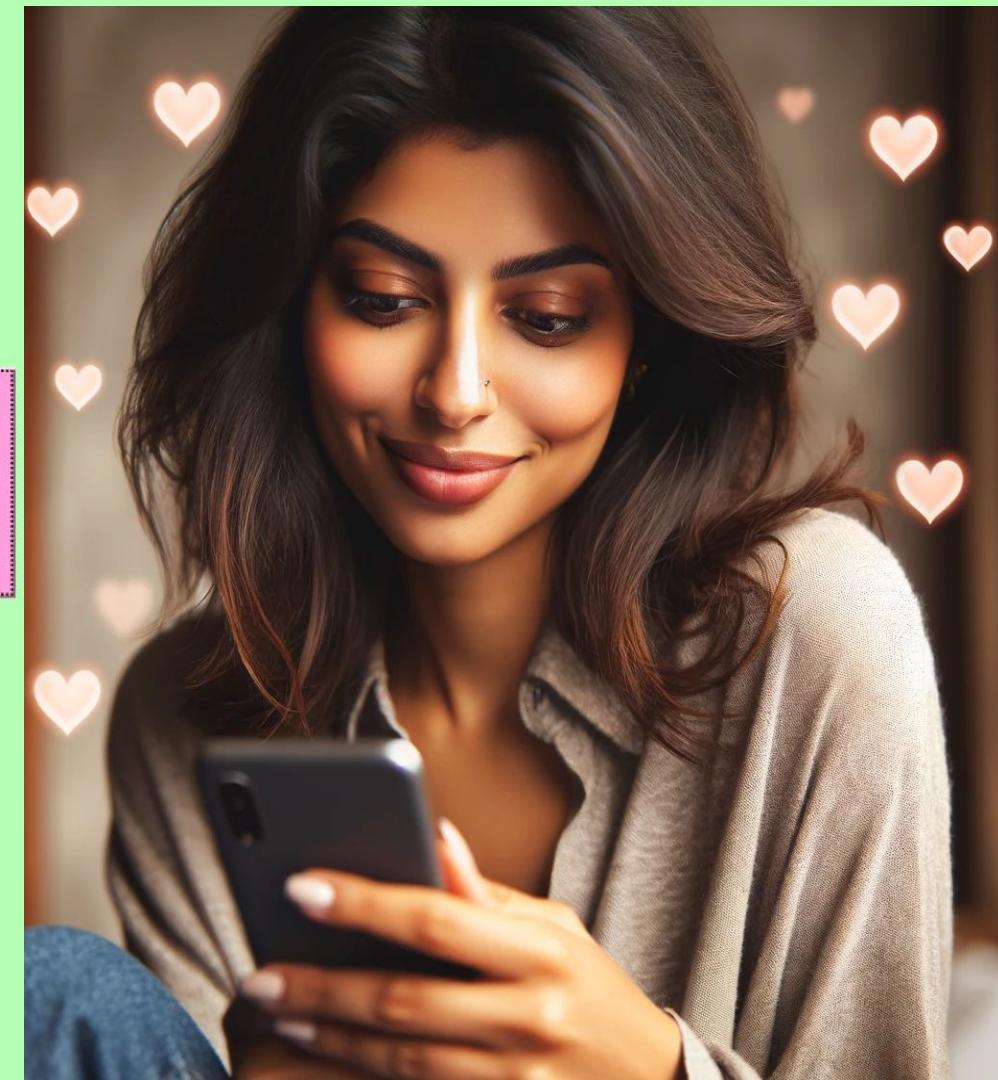
Do you take drugs?
Yes ▾

Do you want kids?
Yes ▾

Do you like cats?
Yes ▾

Do you like dogs?
Yes ▾

Find Me a Match!



INFORMATION ABOUT YOUR MATCH

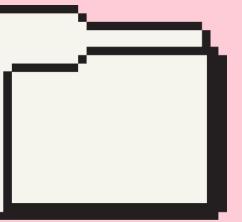
id	age	height	body_type	sex	orientation	education	drinks
007	24	168.0	thin	f	straight	graduate	sometimes ▾



IS IT LOVE OR IS IT KLUST ?



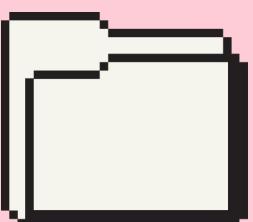
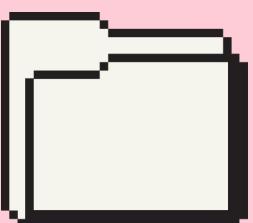
THANK
YOU!



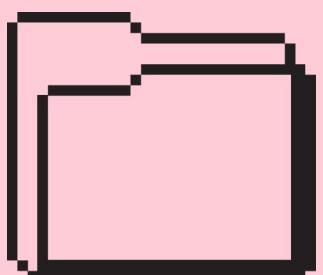
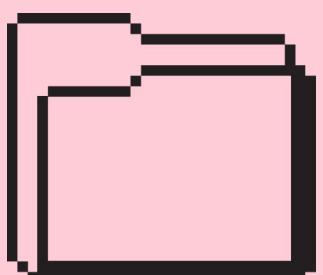
Do You Like It?

Yes

Yes



Match Image Generation

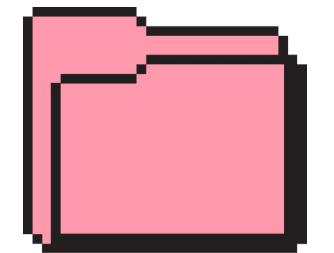
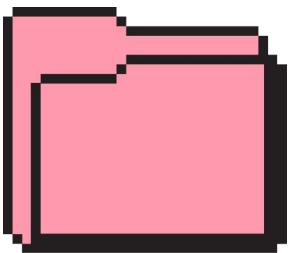


Connect with an AI Image
Generator API to
generate an image of
your match(es)

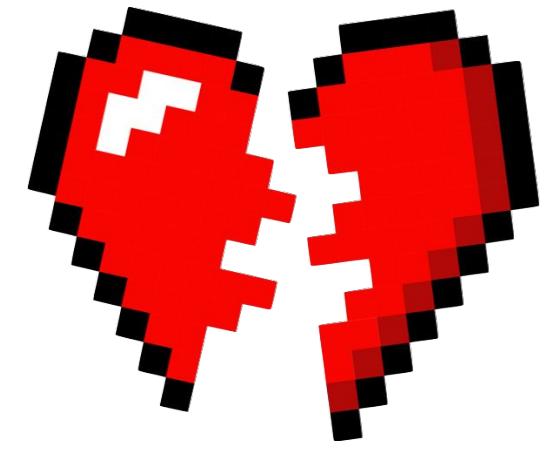
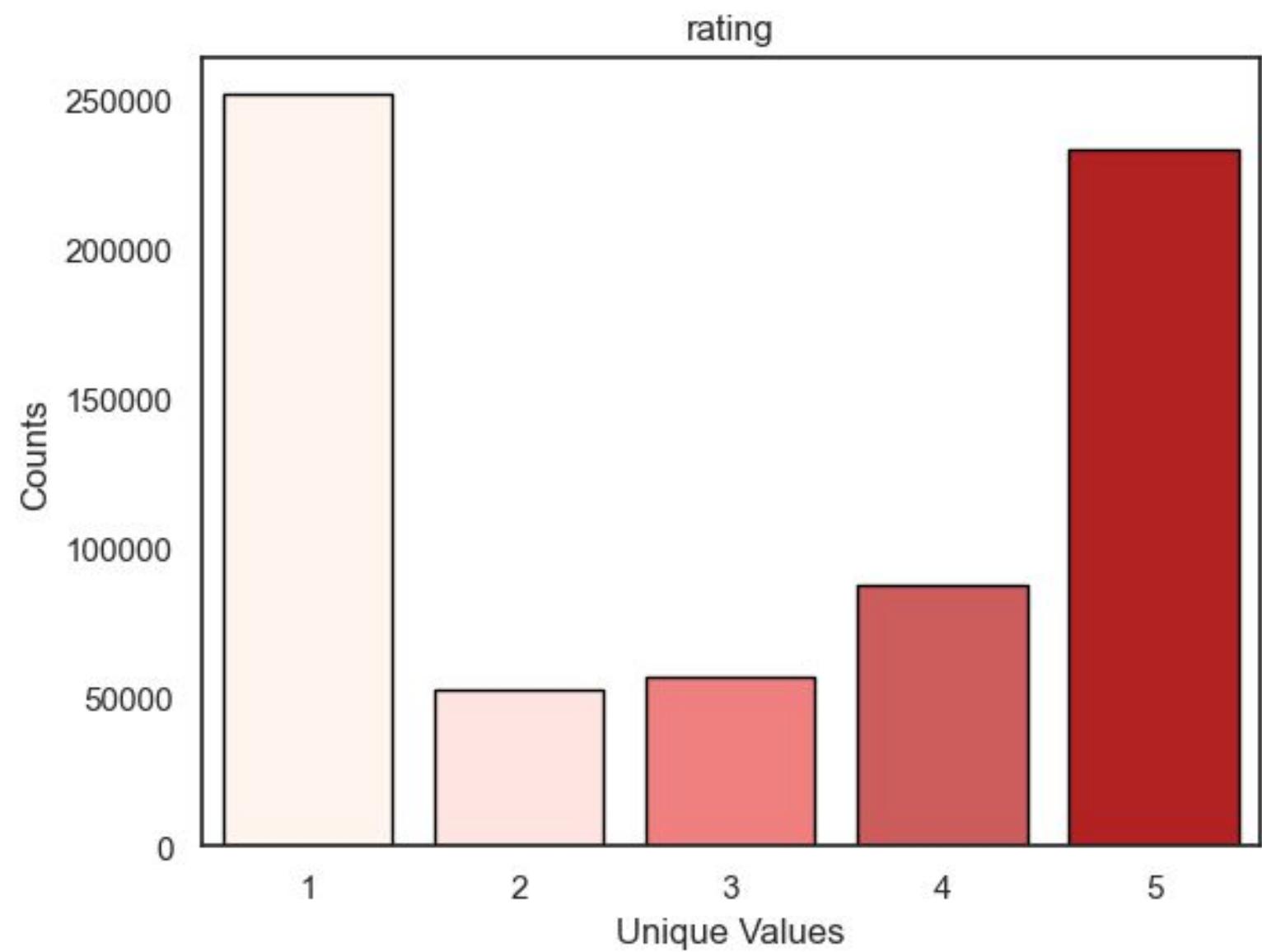


Hi ! My name is Sierra !

- I am single.
- I am looking for someone I can put as my emergency contact person!
- I am excited to go on blind dates.



Why did users stop believing in love?

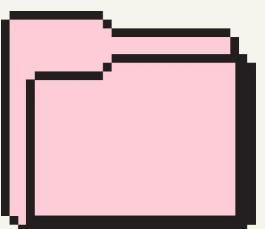


Why You Should Date Me #3

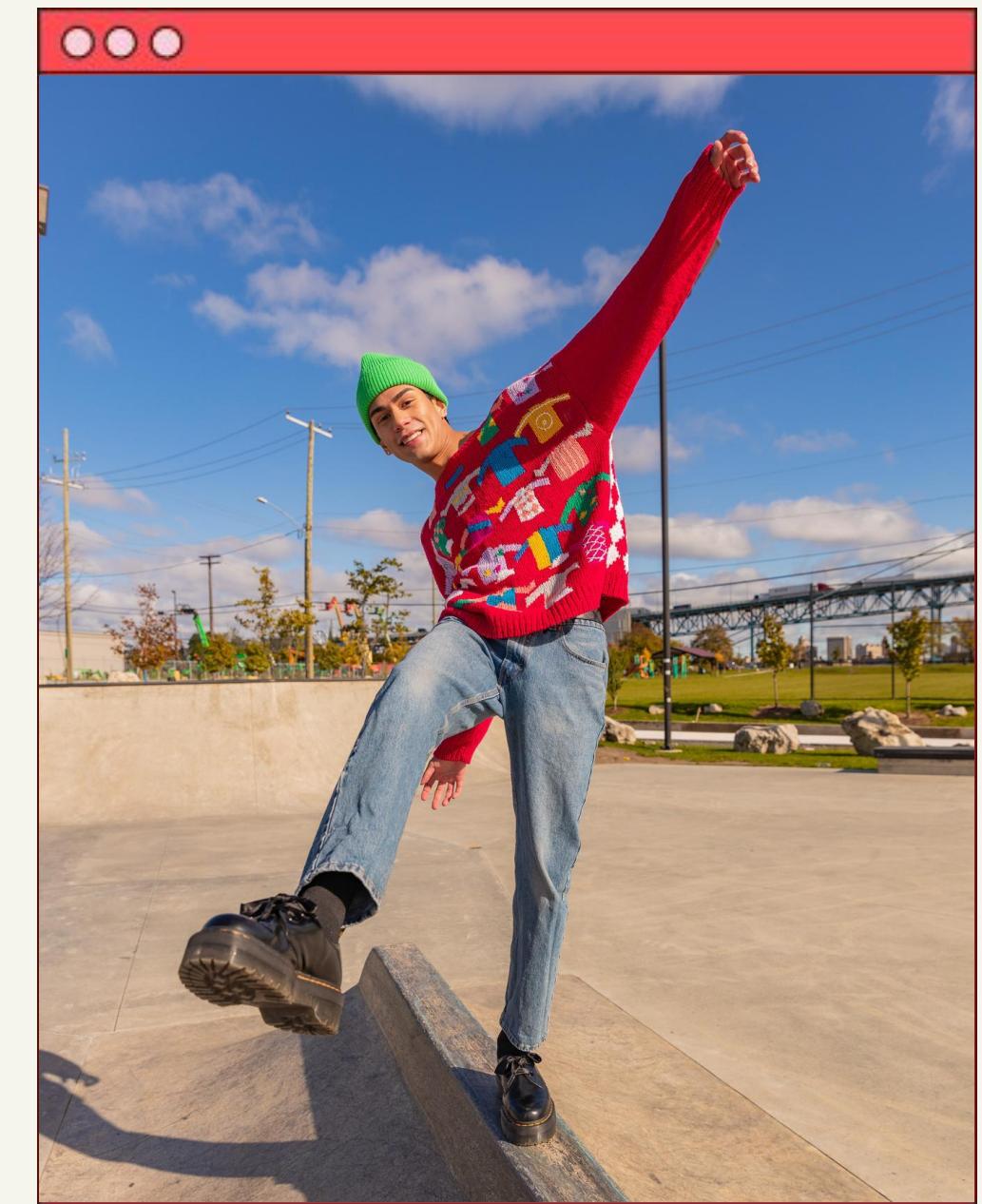
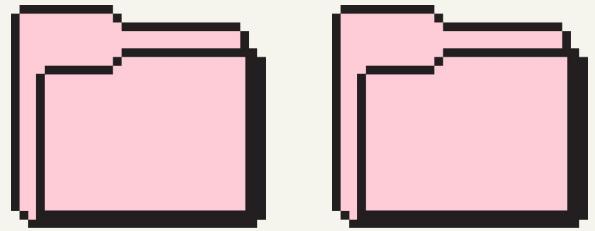


We'll have matching couple outfits every anniversary if you're into it!





My Type



But first, the datasets!

OkCupid User Data

- age, gender, preferences, etc..
- user bio & short essays
- >60,000x31

Dating Apps Ratings

- user reviews
- 0-5 rating
- app name
- 689,356x8

This or That

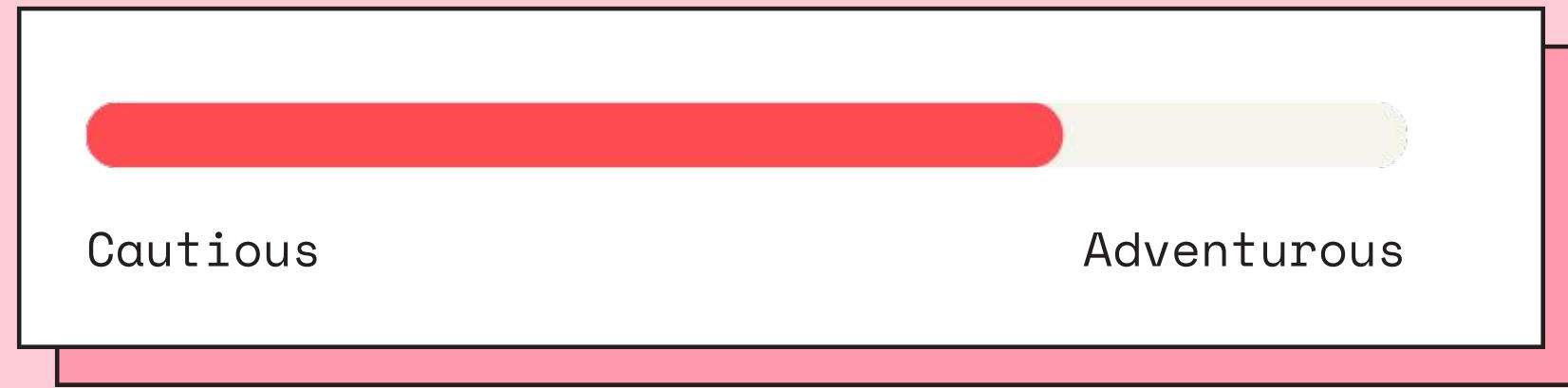
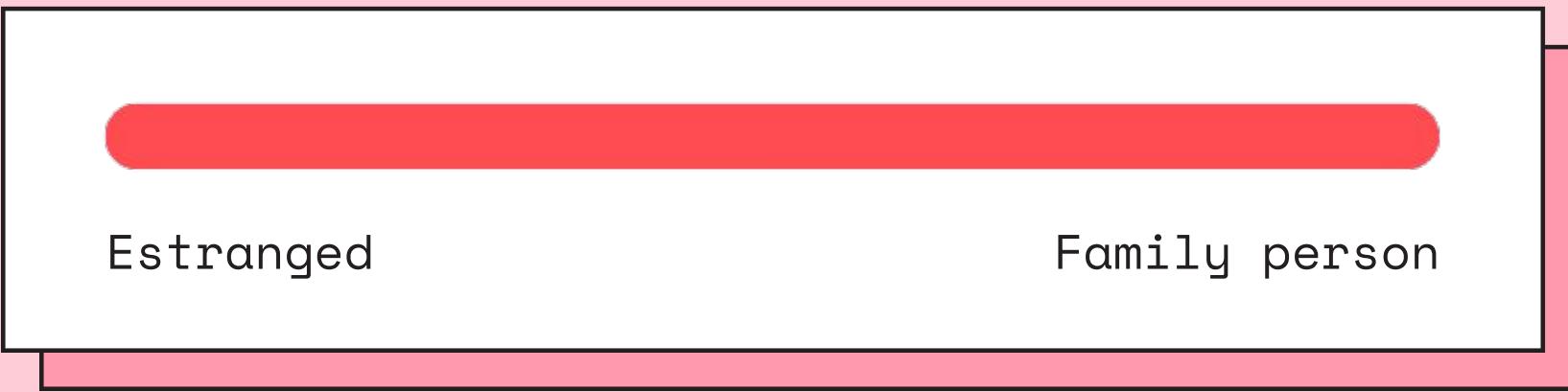
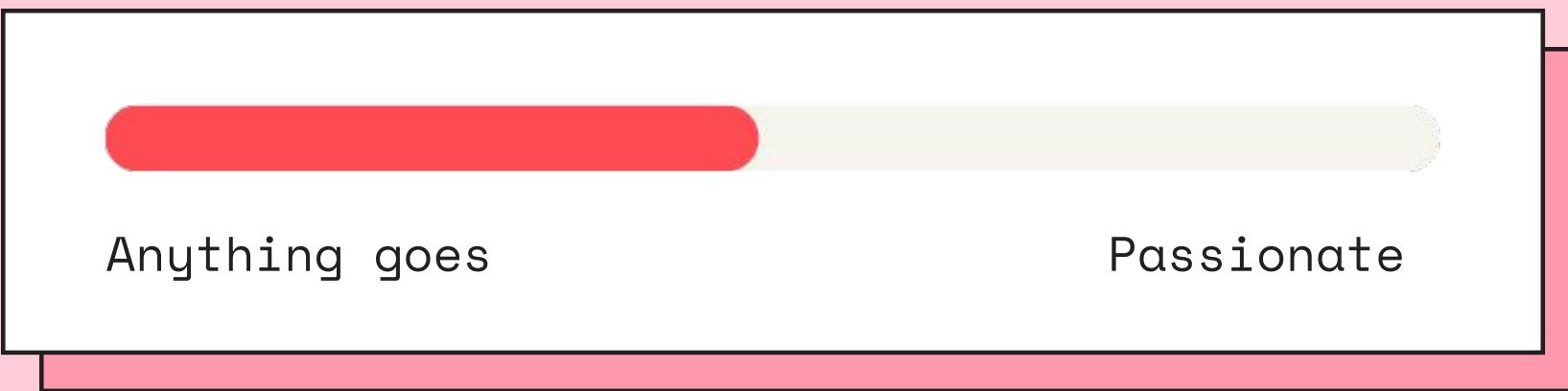
Numerical Categorical

User Bio 0 1

Keep Drop

Dogs Cats

The Keys to My Heart



Other Fun Date Ideas

Picnic

Game Night

Karaoke

Walk in the park

Grocery shopping

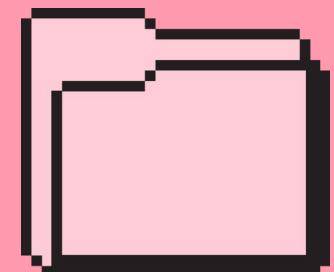
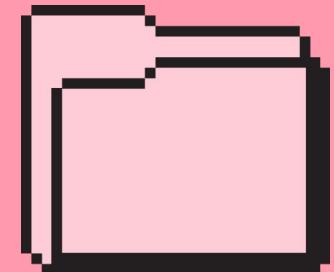
Pottery workshop

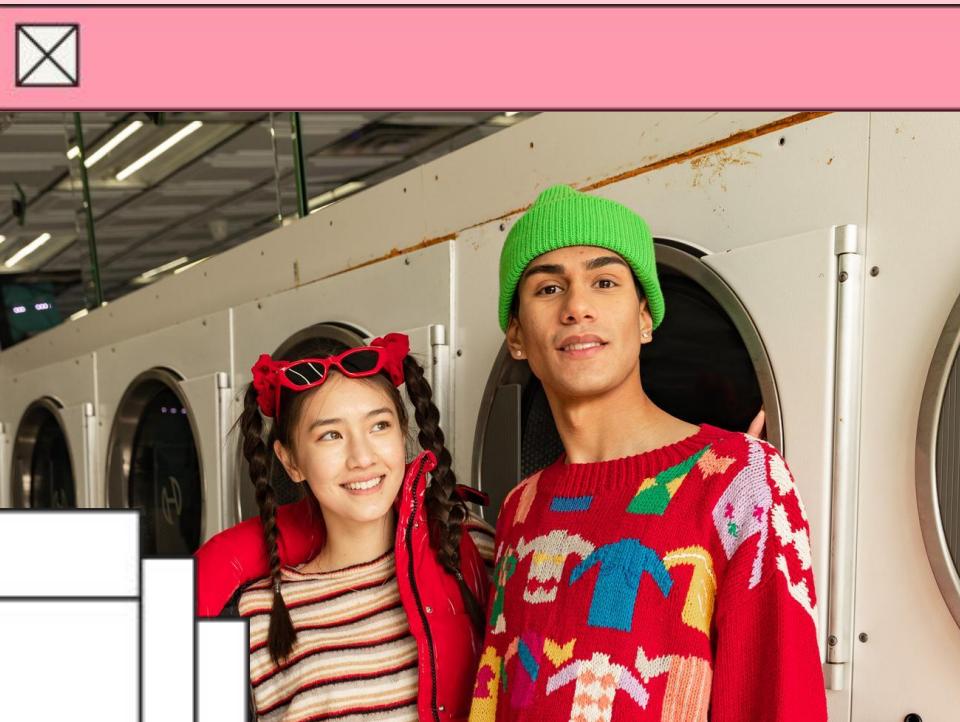
Cooking

Concerts or festivals

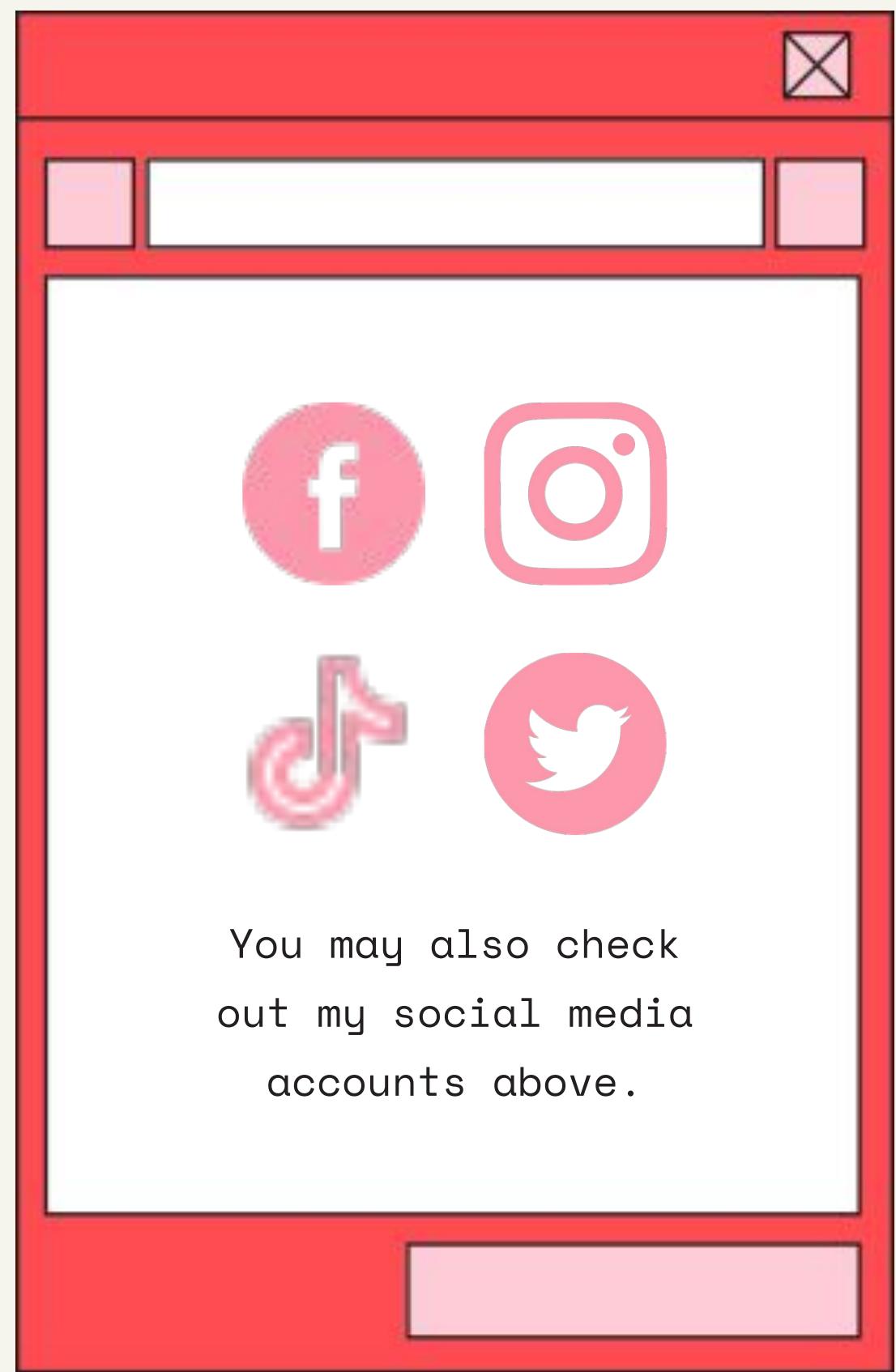
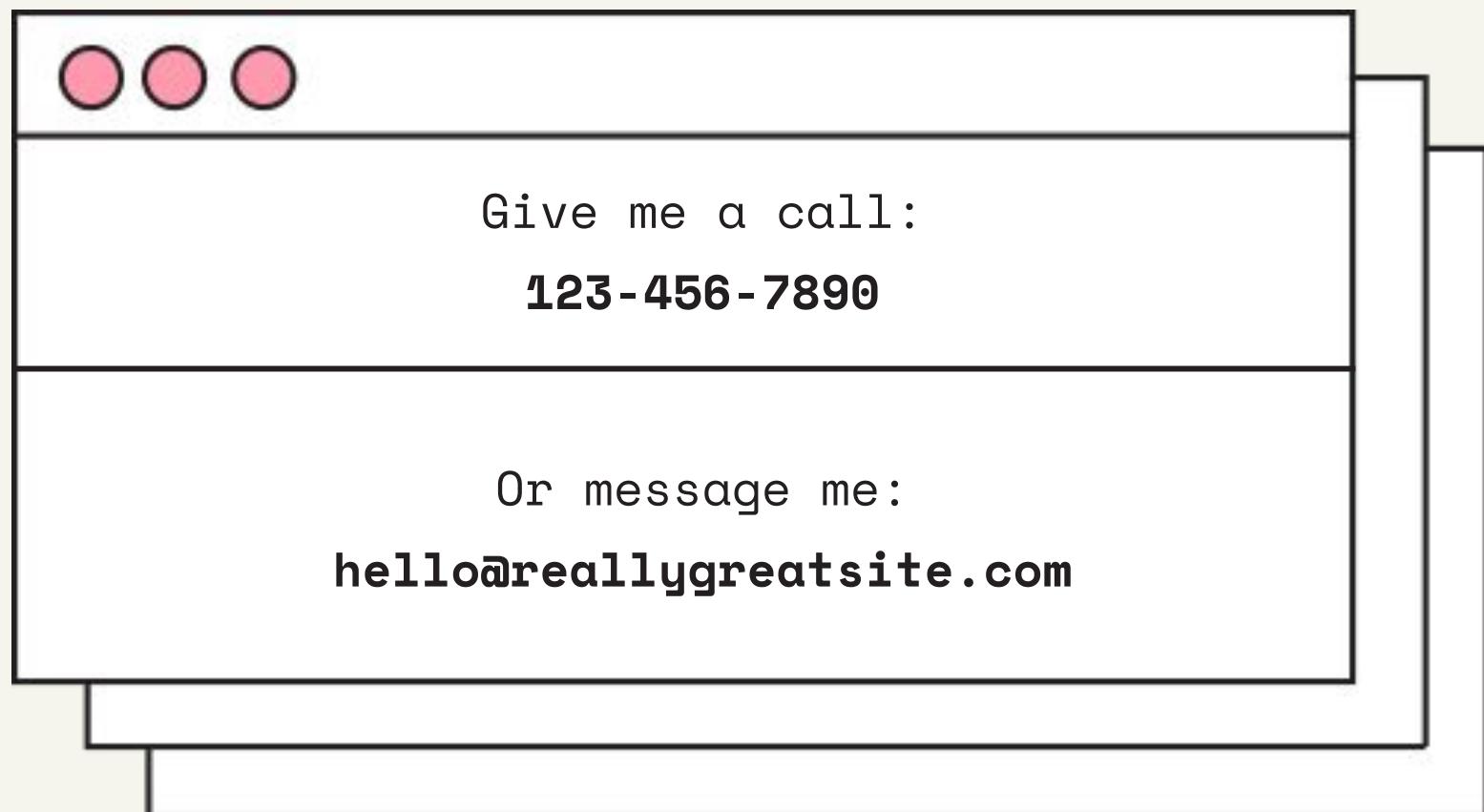
Rock climbing

Jogging





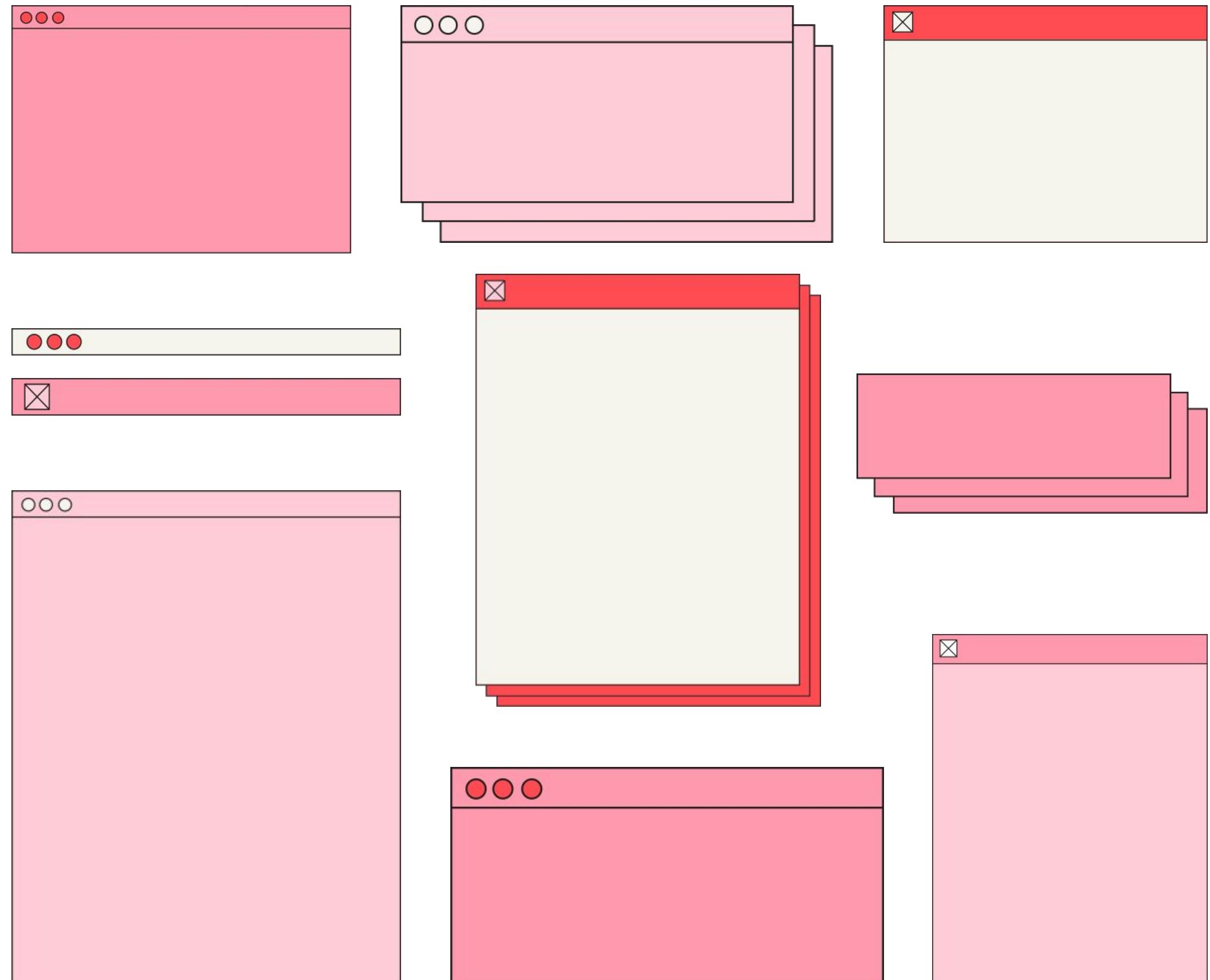
Serious inquiries only please!



Resource Page

Use these design resources
in your Canva Presentation.
Happy designing!

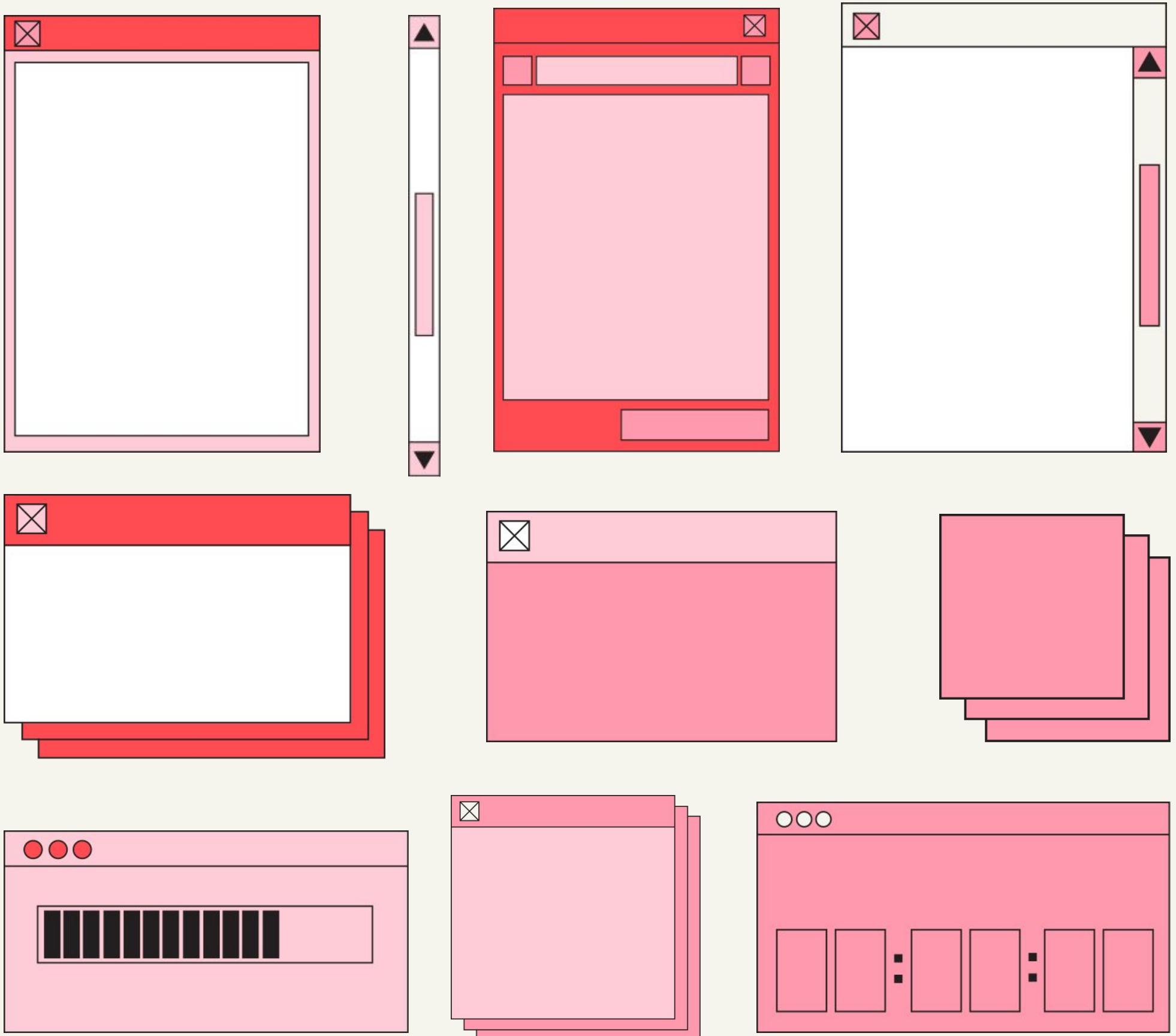
**Don't forget to delete
this page before presenting.**



Resource Page

Use these design resources
in your Canva Presentation.
Happy designing!

**Don't forget to delete
this page before presenting.**



Resource Page

Find the magic and fun in presenting with Canva Presentations. Press the following keys while on Present mode!

Don't forget to delete this page before presenting.

B for blur

C for confetti

D for a drumroll

O for bubbles

Q for quiet

M for micdrop

Any number **from 0-9** for a timer