

Analysis of Askmen And AskWomen

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What is Reddit?

Social news website

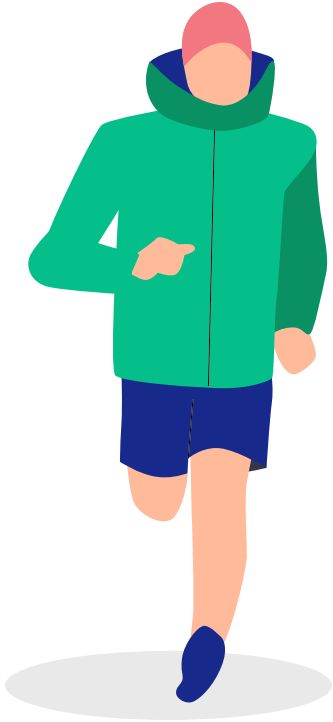
Users share content

Find communities

Users can find other with shared interests

Forums

Users can talk about content



What are these subreddits?

Ask questions

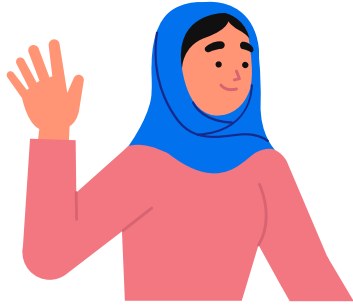
Get Life advice



Share experiences

Open up

Goals



Categorize post



**Identify social
interactions**

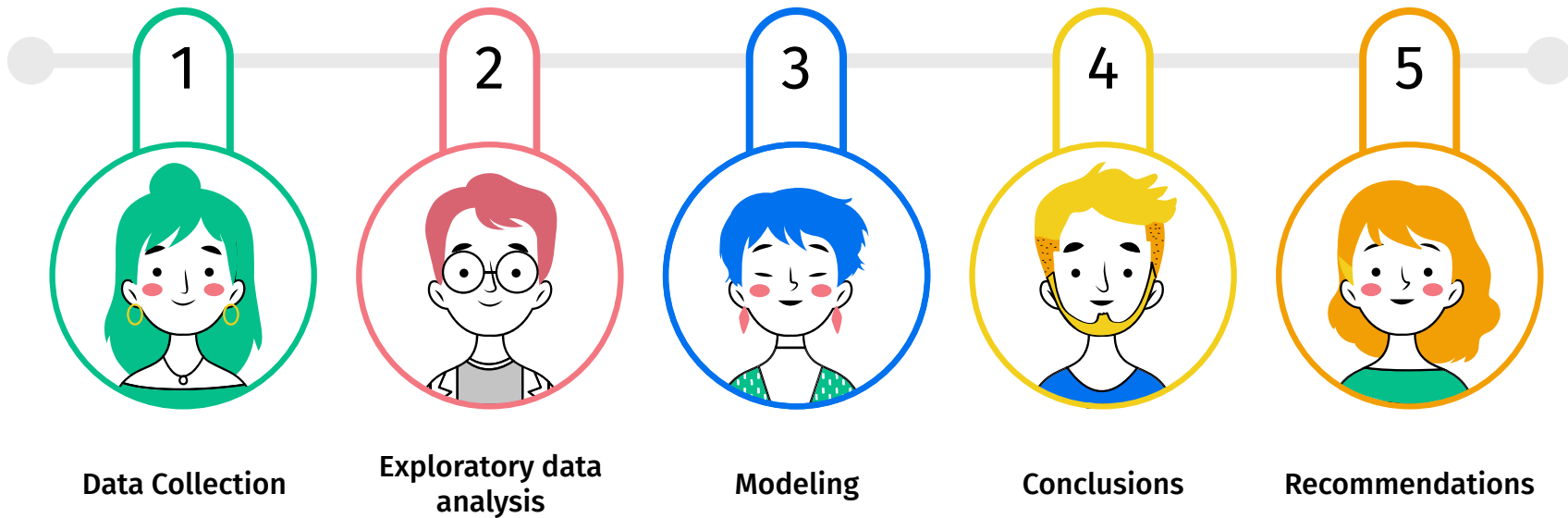


**Identify social
climent**



**Understand effects
of social media**

Agenda



Data collection

Askmen

3095 total records



Askwomen

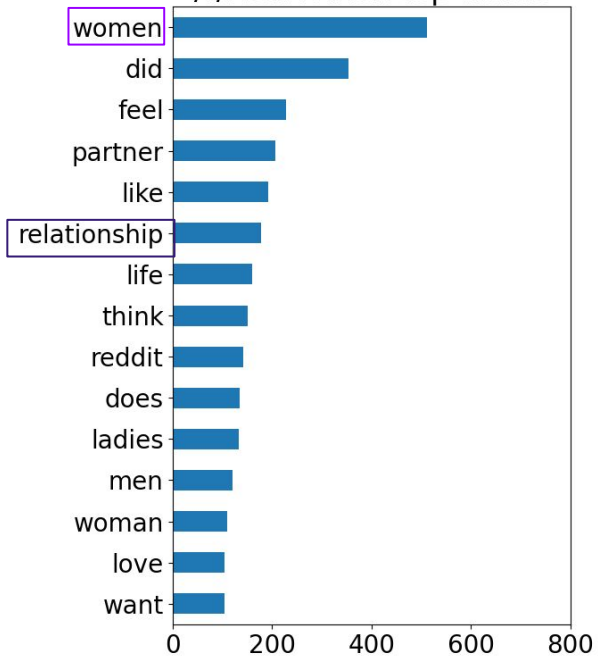
3991 total records

Exploratory Data Analysis

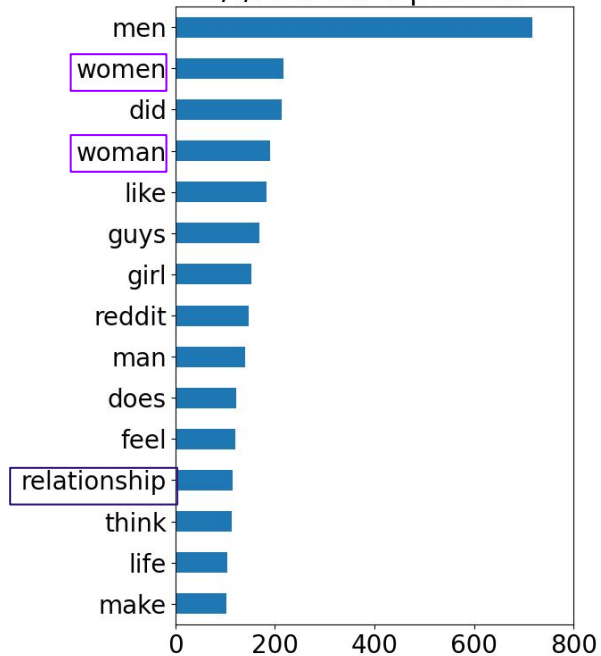


Top 15 words in each subreddit

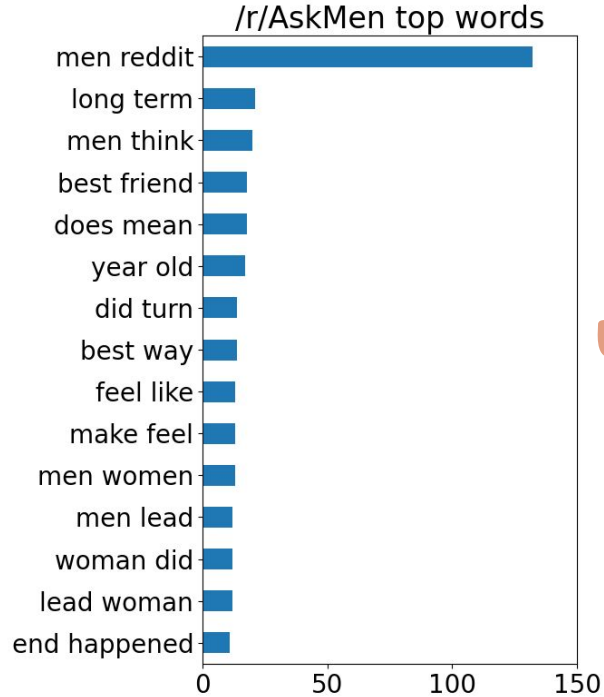
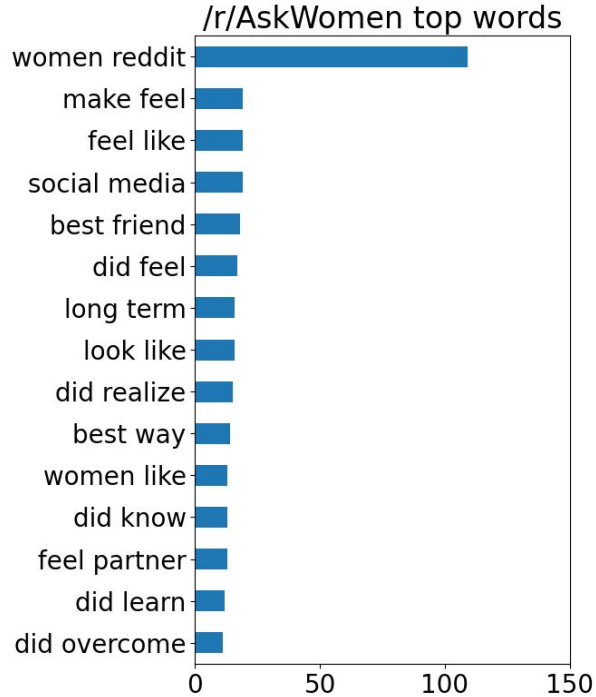
/r/AskWomen top words

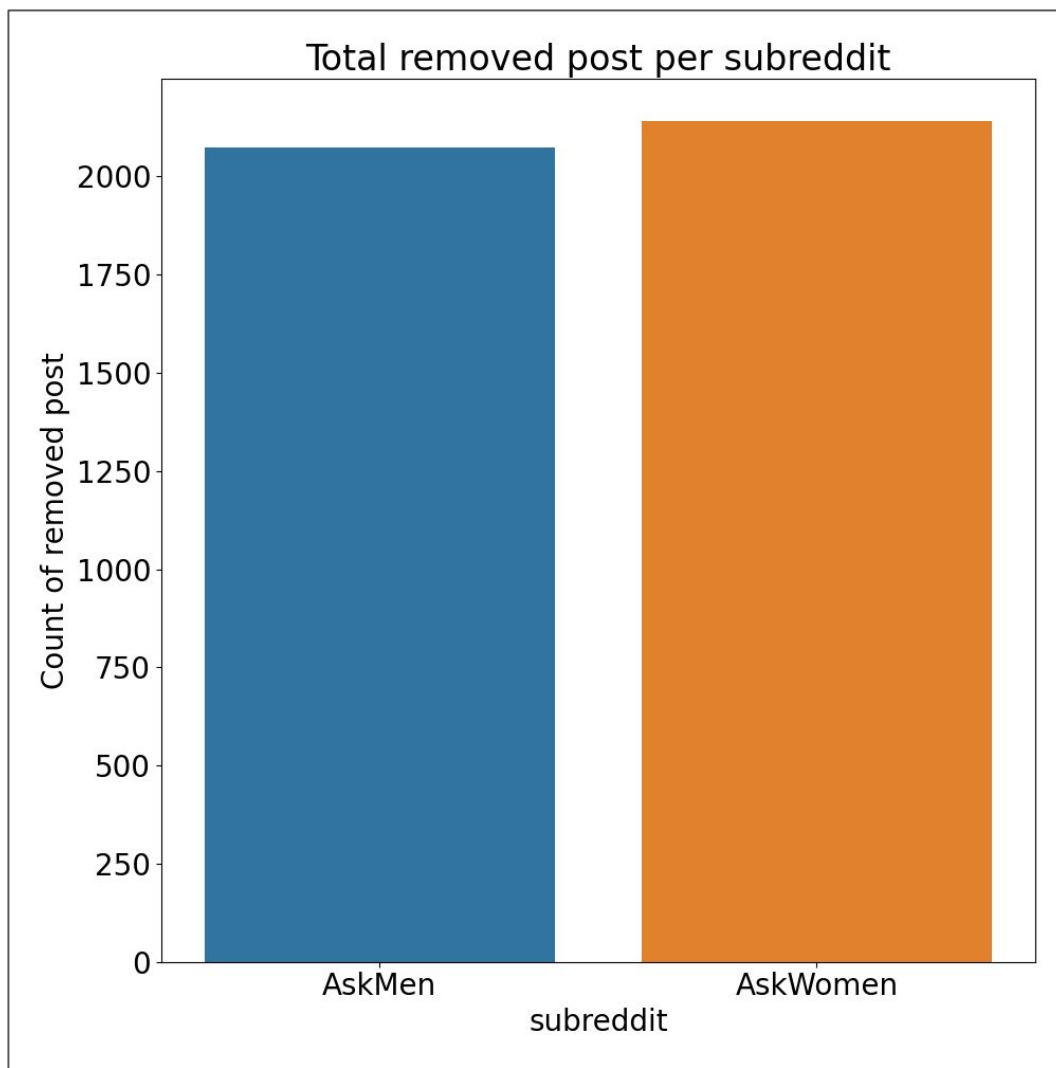
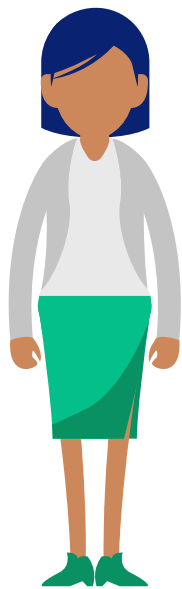


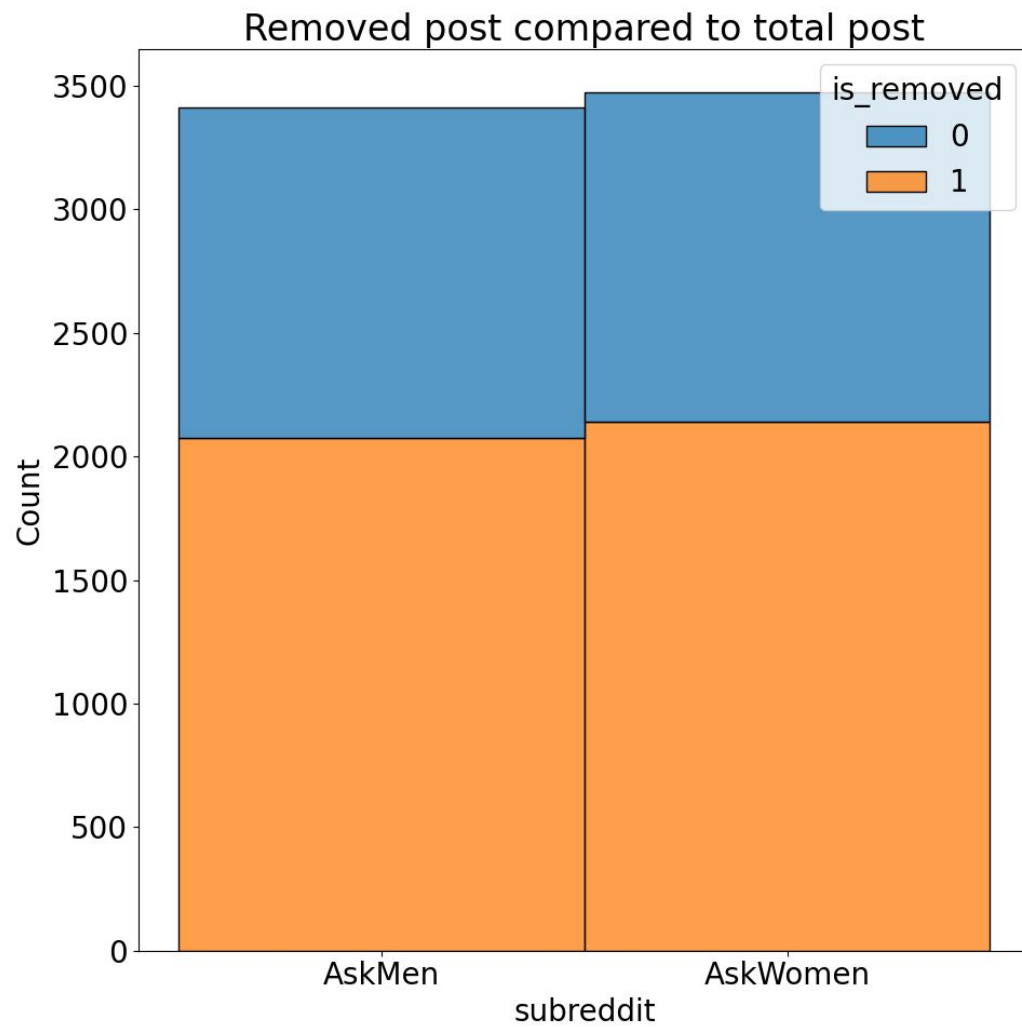
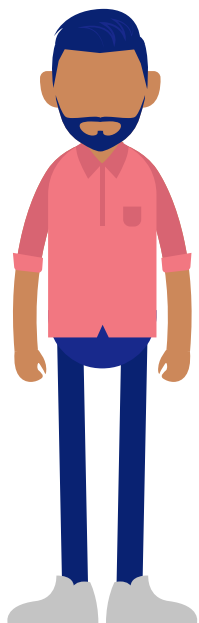
/r/AskMen top words



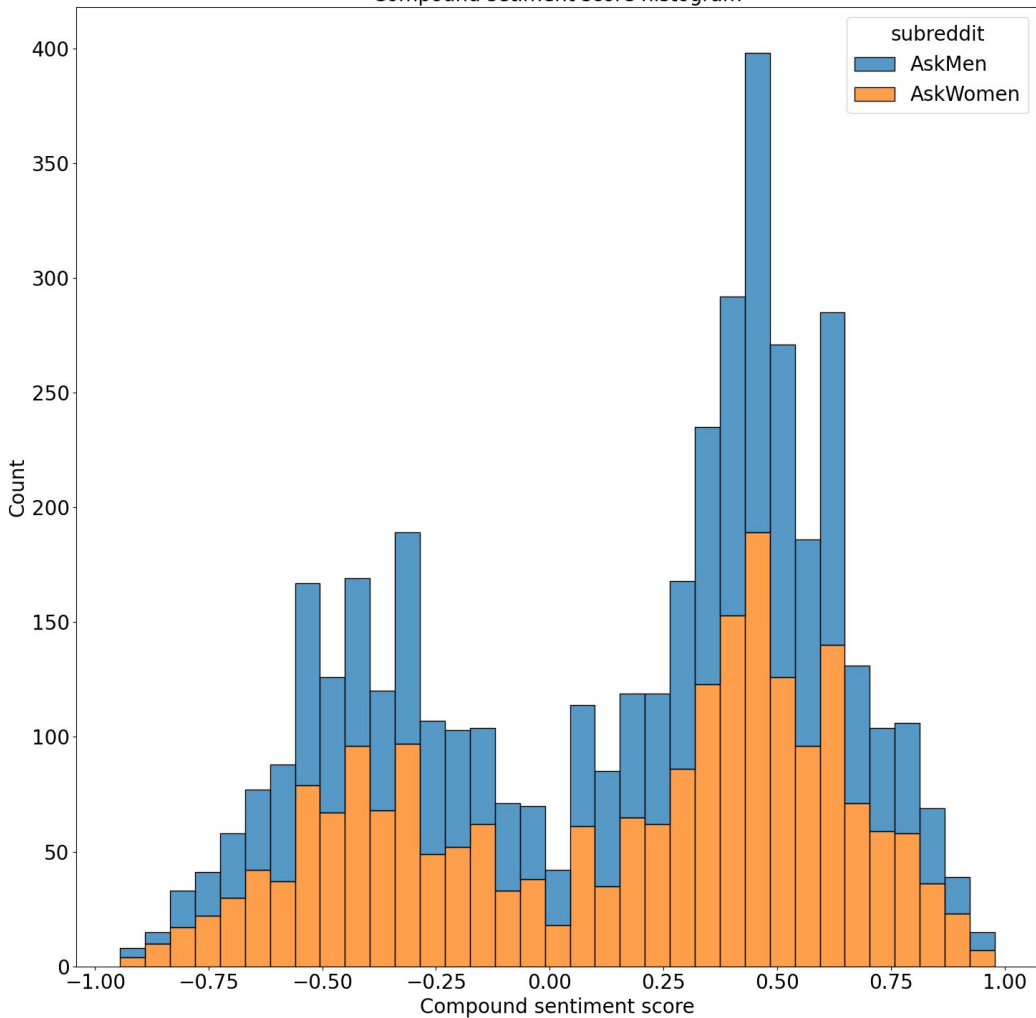
Top 15 bi gram words in each subreddit







Compound sentiment score histogram



Social sentiment



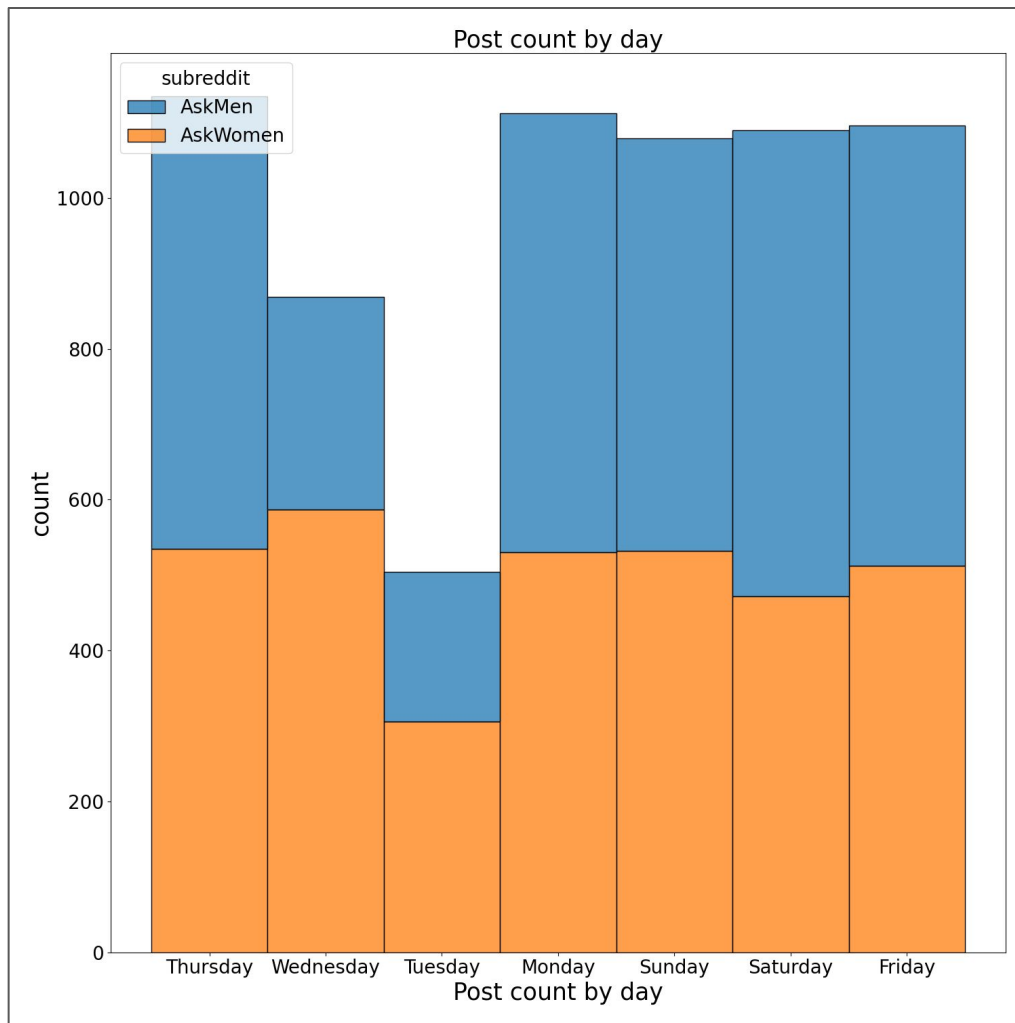
Bimodal



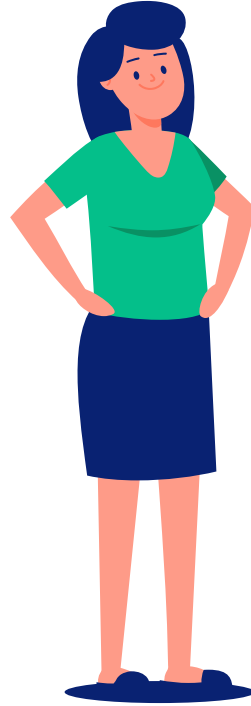
Mostly positive



**Similar
distribution**



Modeling



Models and transformers used



**Random
forest
classifier**



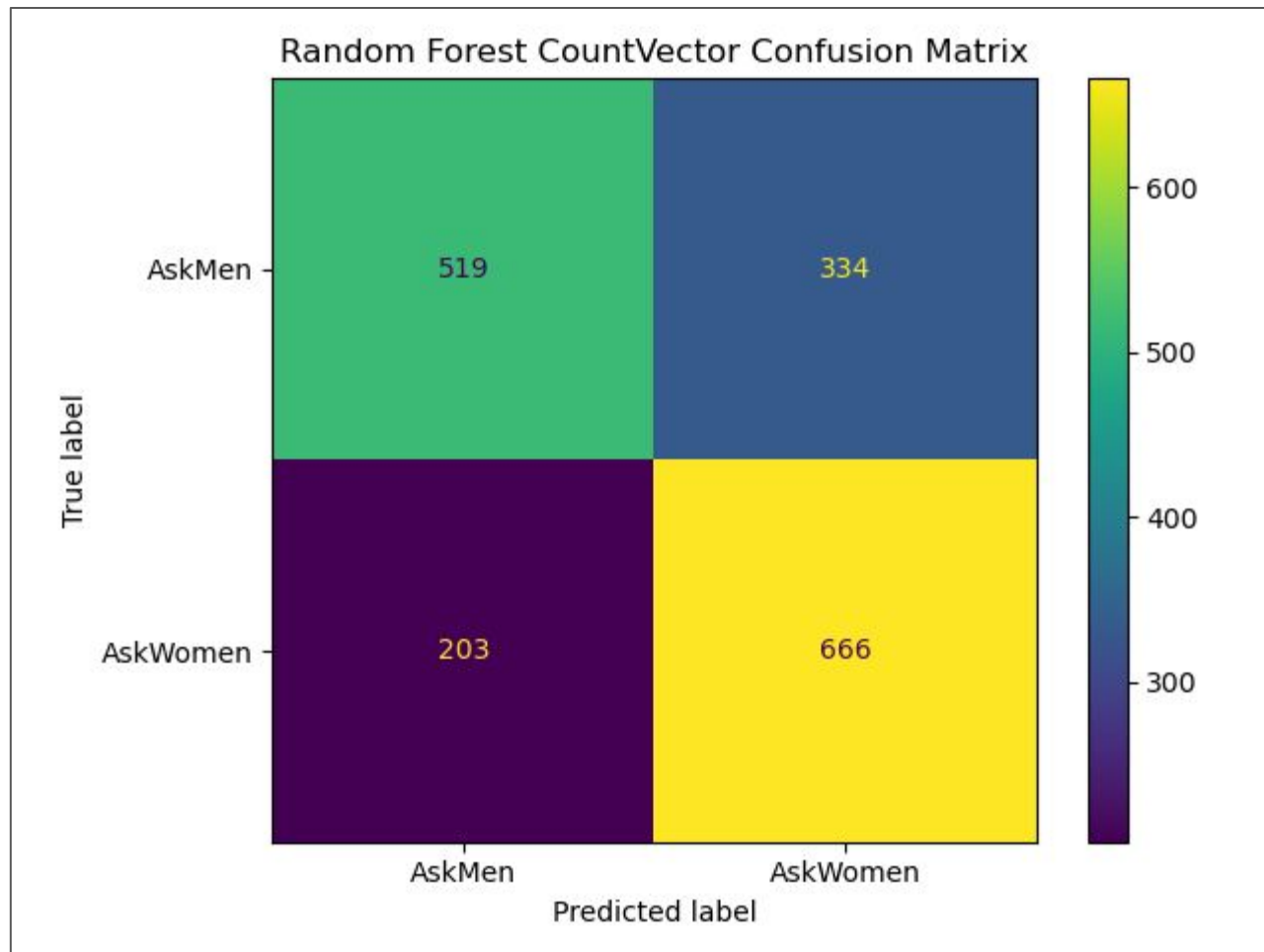
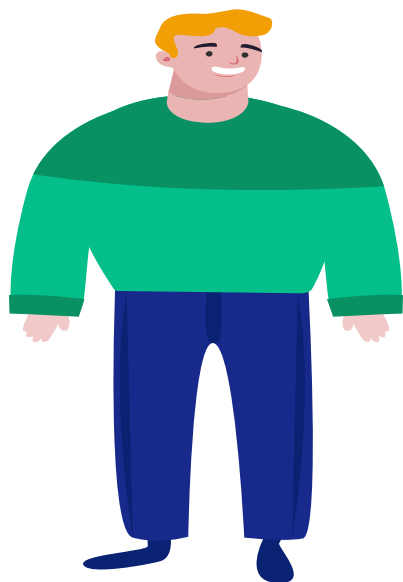
**Logistic
regression**

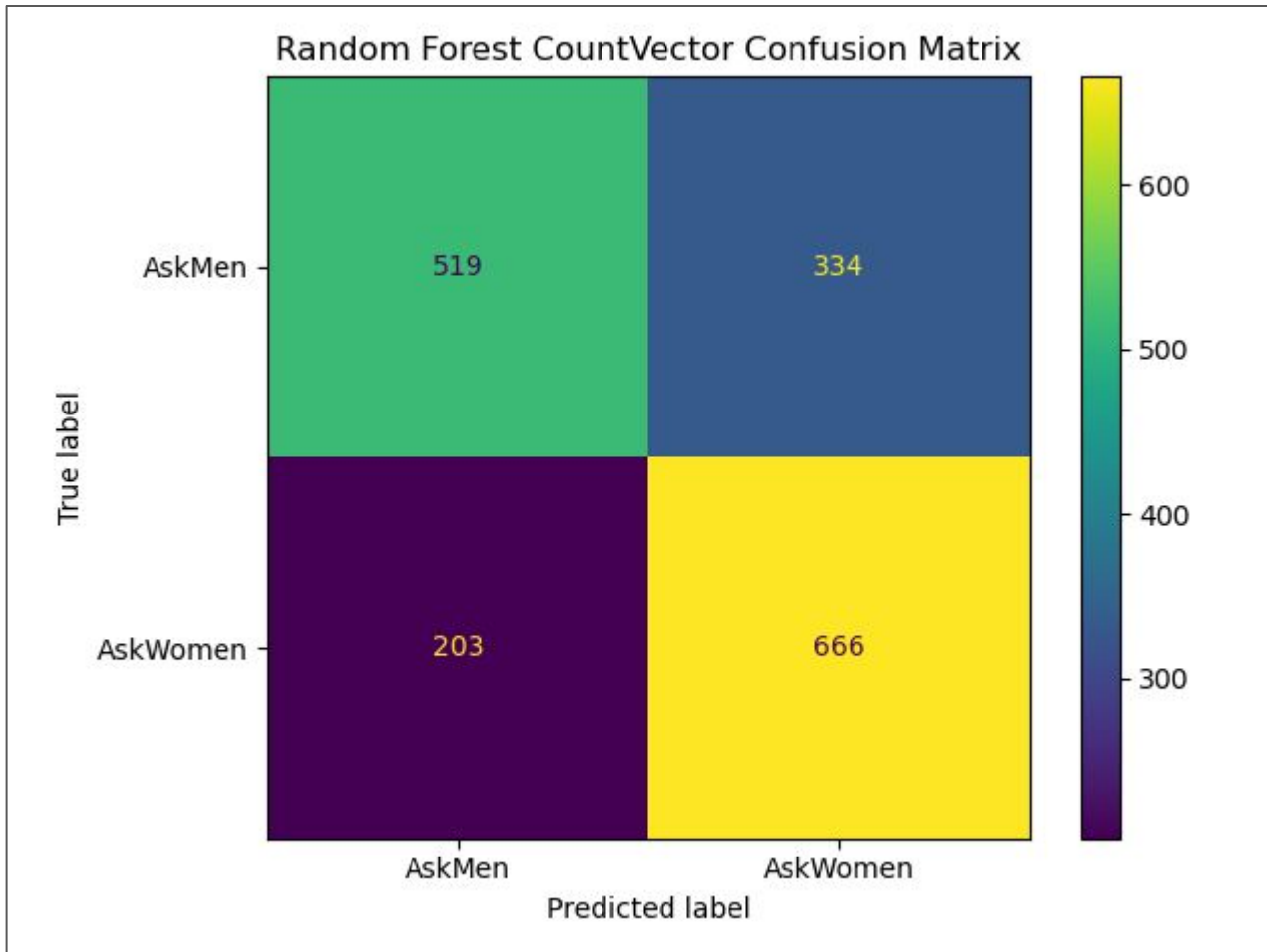


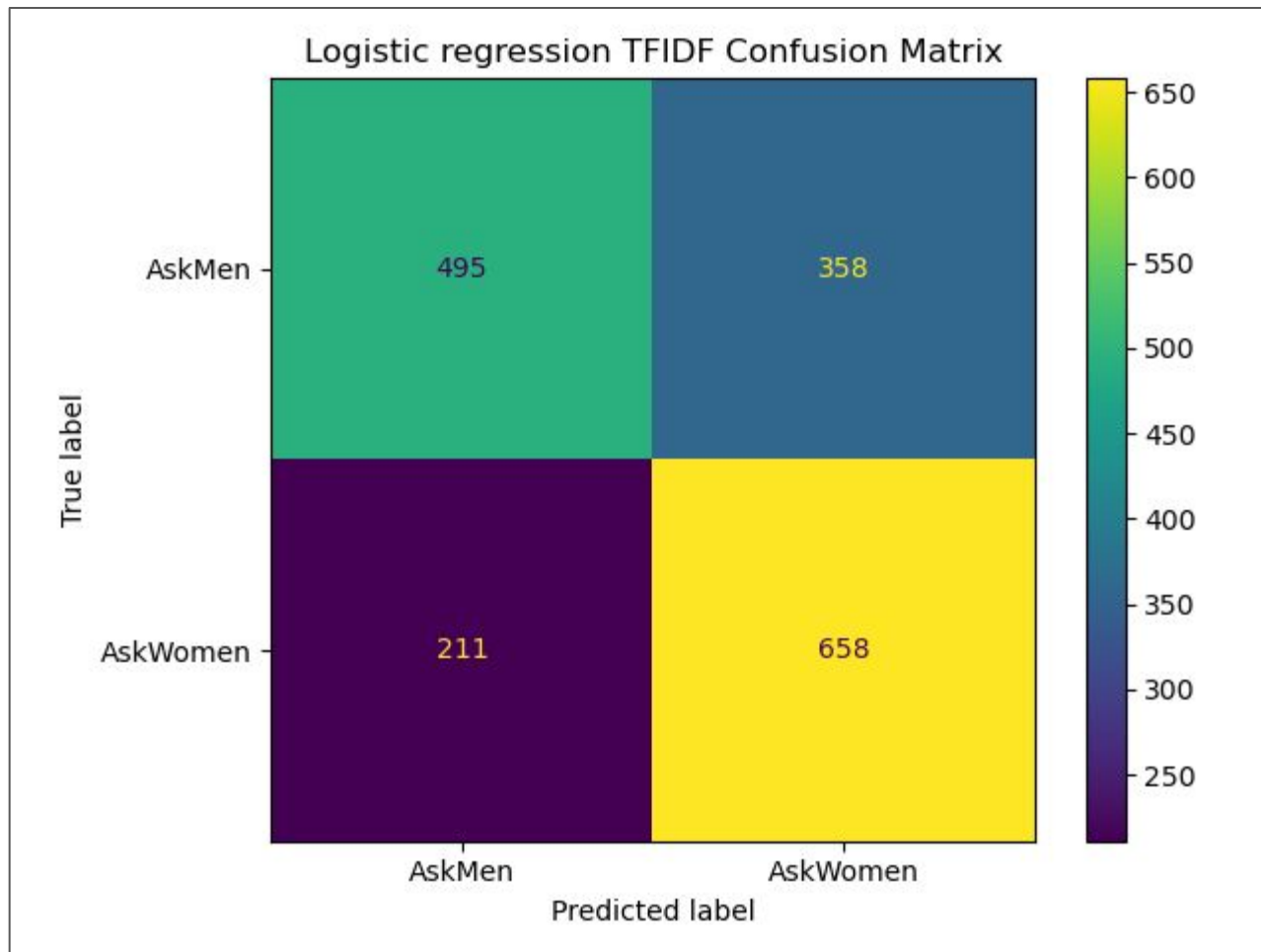
**Count
vectorizer**

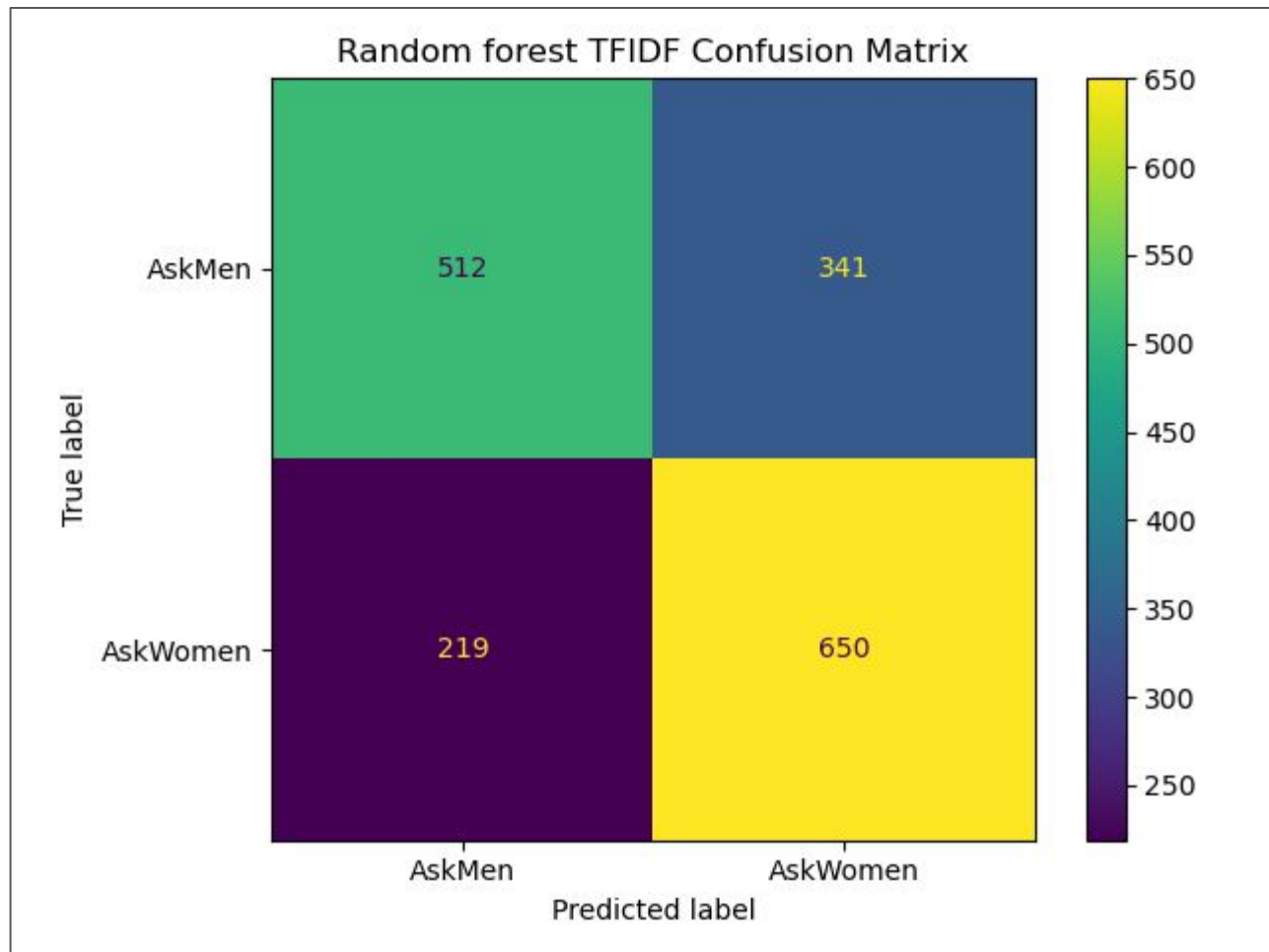
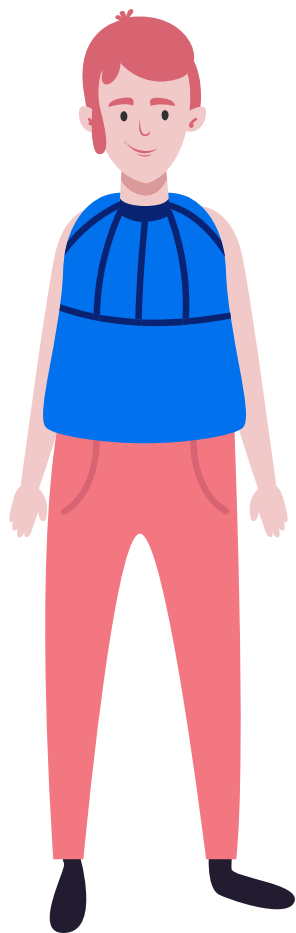


**TFIDF
Vectorizer**









Conclusion

1



Model Cannot
classify

2



Something is
missing

3



Is it removed post?

Recommendations



1

**Remove
Shared
words**

Most words were common in both subreddits

2

**Remove
removed
post**

Nearly half of our post were removed by moderators

3

**Include
replies**

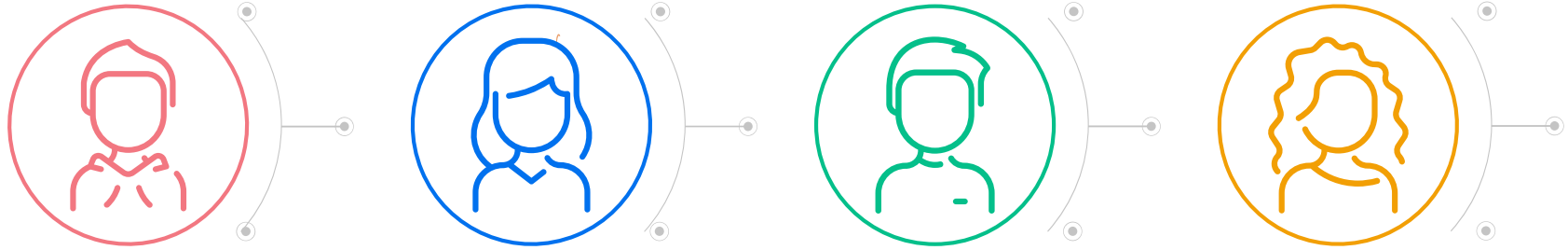
Replies to a post may be more indicative of a subreddit

4

**Share
dataset**

This dataset may be used to build a bot to help remove post

Questions and Answers



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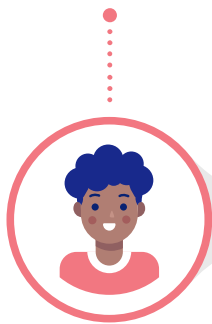
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- Select one of the parts and **ungroup** it by right-clicking and choosing “Ungroup”.
- **Change the color** by clicking on the paint bucket.
- Then **resize** the element by clicking and dragging one of the square-shaped points of its bounding box (the cursor should look like a double-headed arrow). Remember to hold Shift while dragging to keep the proportions.
- **Group** the elements again by selecting them, right-clicking and choosing “Group”.
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Male and Female Charts

Jupiter

Jupiter is the biggest planet of them all

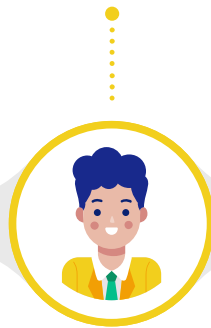


Saturn

It's a gas giant and has several rings

Neptune

It's the farthest planet from the Sun

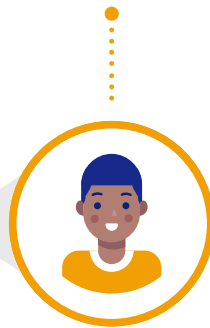


Earth

It's the third planet from the Sun

Mercury

Mercury is the closest planet to the Sun



Male and Female Charts

Jupiter

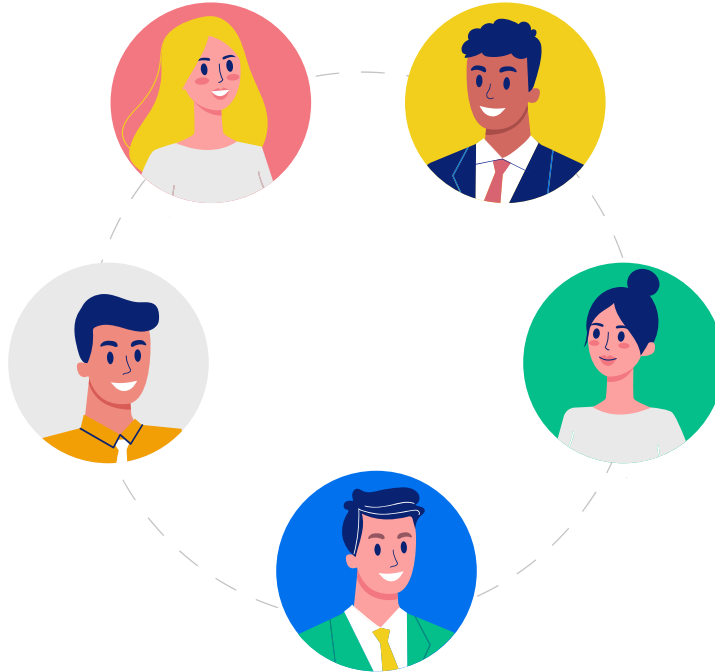
Jupiter is the biggest planet of them all

Neptune

It's the farthest planet from the Sun

Mars

Despite being red, it's actually a cold place



Mercury

Mercury is the closest planet to the Sun

Earth

Earth is the third planet from the Sun

Male and Female Charts



Jupiter

It's the biggest planet of them all

Venus

It's the closest planet to the Sun

Neptune

It's the farthest from the Sun

Saturn

It's a gas giant and has several rings

Earth

It's the third planet from the sun

Male and Female Charts



Jupiter

It's the biggest planet of them all



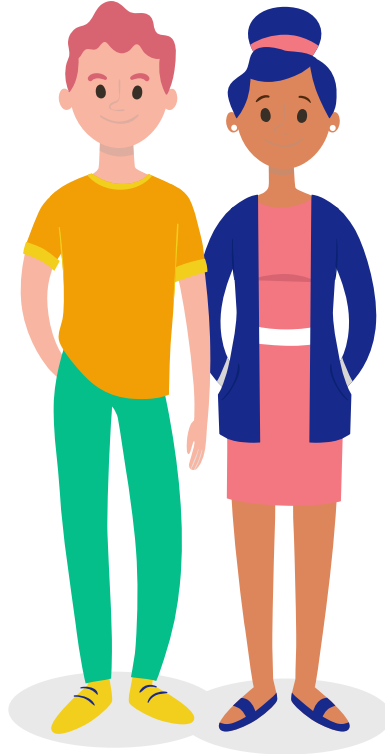
Mercury

It's the closest planet to the Sun



Neptune

It's the farthest planet from the Sun



Saturn

It's a gas giant and has several rings



Earth

It's the third planet from the Sun



Male and Female Charts



Jupiter

It's the biggest planet of them all



Mercury

Mercury is the closest planet to the Sun



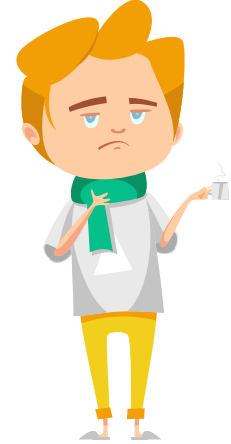
Neptune

It's the farthest from the Sun



Saturn

It's a gas giant and has several rings



Earth

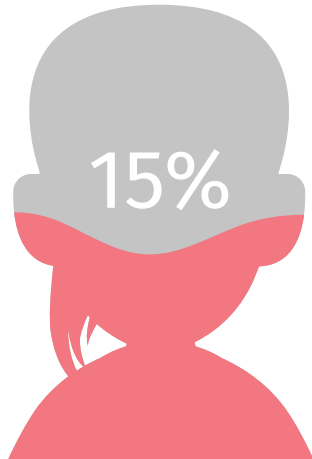
Earth is the third planet from the Sun

Male and Female Charts

1

Jupiter

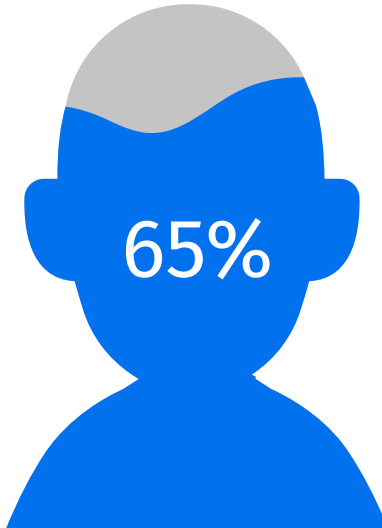
It's the biggest planet of them all



2

Neptune

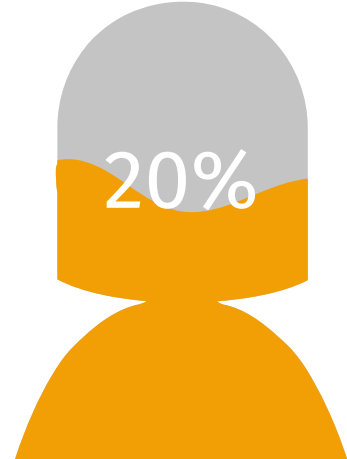
It's the farthest planet from the Sun



3

Saturn

It is a gas giant and has several rings



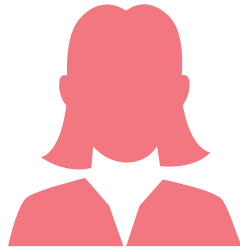
Male and Female Charts



Jupiter

Jupiter is the
biggest planet
of them all

1



Mercury

Mercury is the
closest planet
to the Sun

2



Neptune

It's the
farthest from
the Sun

3



Saturn

It's a gas
giant and has
several rings

4

Male and Female Charts



Jupiter

Jupiter is the biggest planet of them all



Neptune

It's the farthest planet from the Sun



Saturn

It's a gas giant and has several rings



Mercury

Mercury is the closest planet to the Sun



Earth

It's the third planet from the Sun



Mars

Despite being red, it's actually a cold place



Male and Female Charts

Jupiter

It's the fifth planet from the Sun and the largest in the Solar System

Mars

It's the fourth planet from the Sun and it's a cold place

Saturn

It's a gas giant and is composed of hydrogen and helium



Neptune

It's the eighth and farthest-known planet from the Sun

Venus

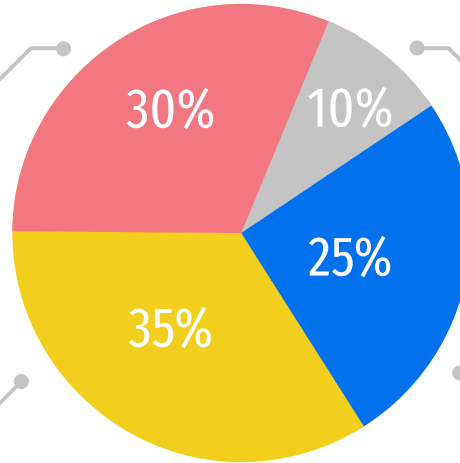
Venus is the second planet from the Sun and has a beautiful name

Male and Female Charts



Jupiter

Jupiter is the biggest planet of them all



Mercury

It's the closest planet to the Sun



Neptune

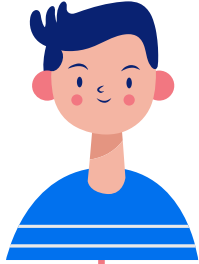
It's the farthest planet from the Sun



Earth

It's the third planet from the Sun

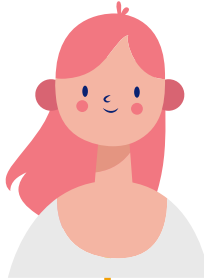
Male and Female Charts



Jupiter is the biggest planet of them all



Despite being red, Mars is actually cold



Neptune is the farthest planet from the Sun



Saturn is a gas giant and has several rings



Earth is the third planet from the Sun



Mercury is the closest planet to the Sun

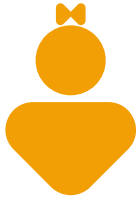


Male and Female Charts



25%

Jupiter is the biggest planet of them all



17%

Despite being red, Mars is a cold place



53%

Neptune is the farthest planet from the Sun

VS



26%

Saturn is a gas giant and has several rings



30%

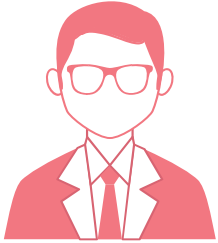
Uranus is the seventh planet from the Sun



12%

Mercury is the closest planet to the Sun

Male and Female Charts



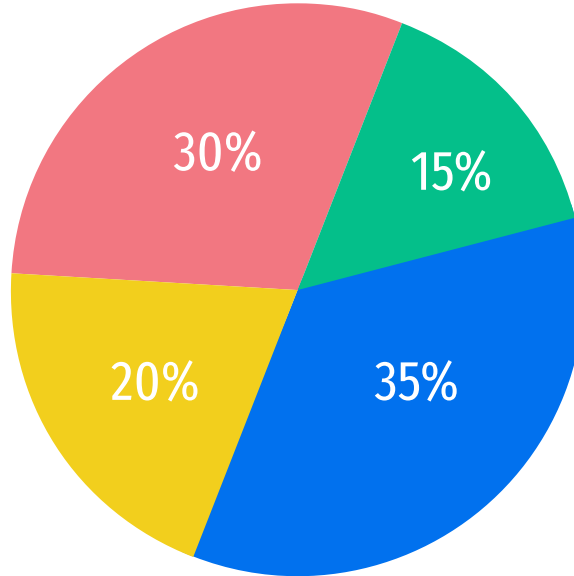
Jupiter

Jupiter is the biggest planet of them all



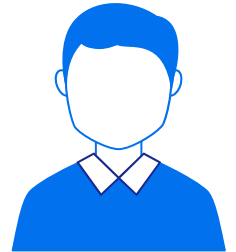
Neptune

It's the farthest planet from the Sun



Mercury

It's the closest planet to the Sun



Earth

It's the third planet from the Sun