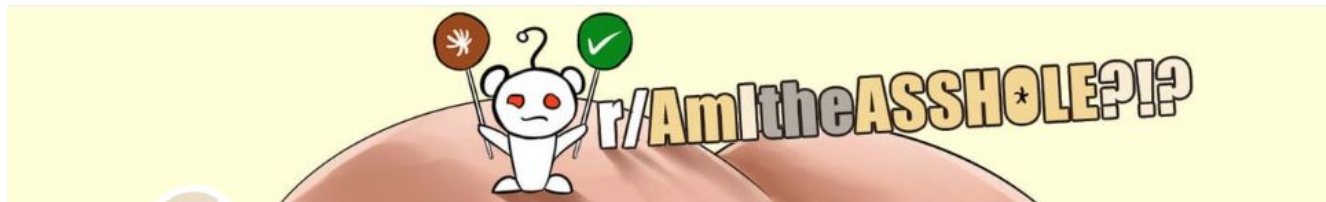


AITA for posting in the wrong subreddit?

Danner Affadzi

Redditors Need Help



Am I the Asshole?

r/AmItheAsshole

Join

7.3m

8.9m



Relationship Advice

r/relationship_advice

Join



r/AmltheAsshole

by Throwaway1934885 4 yr. ago



AITA for not wanting a relationship with my dad after he was cheating on my mom?



r/relationship_advice

by joecool105 5 mo. ago



I (26F) am conflicted, cut off contact with my dad (60M) after I discovered he cheated on my mom



r/AmltheAsshole

by RebekaRoshi 1 mo. ago



AITA for asking my mom why my brother and his side chick are staying over after my brother recently had a child with his actual gf?



r/relationship_advice

by RebekaRoshi 1 mo. ago



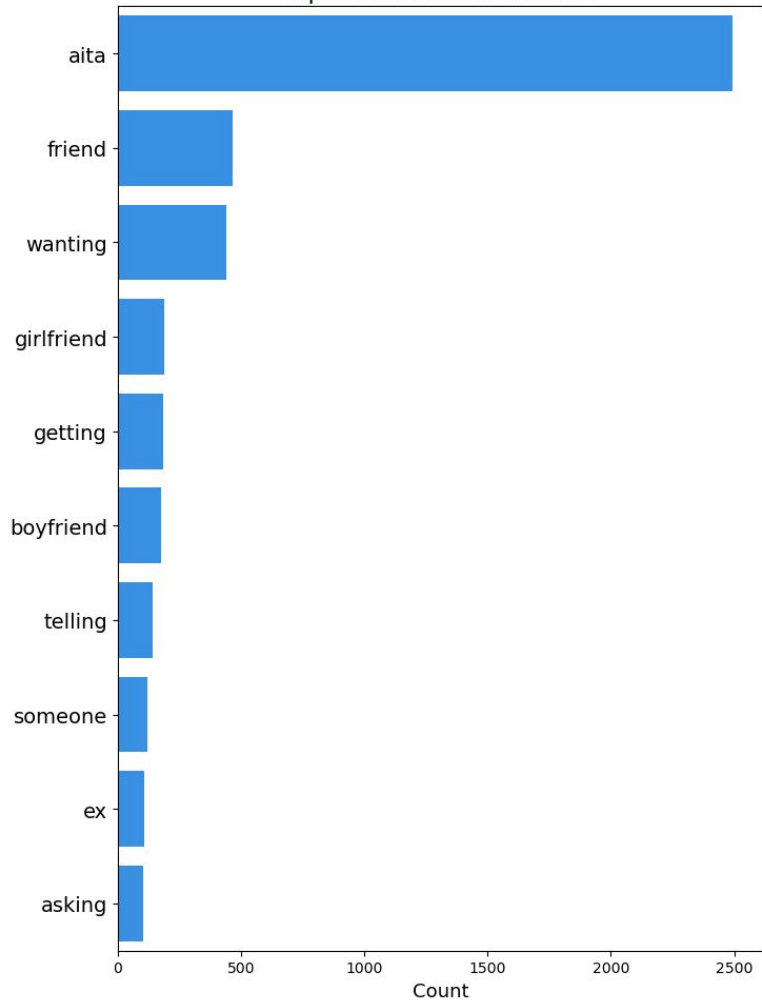
Am I (f18) the Asshole for asking my mom (late 40sF) why my brother (23m) and his side chick (20sF) are staying over after my brother recently had a child(3 weeks M) with his actual gf (20sF)?

**Can a
classification
model predict
which subreddit
you should post
to?**

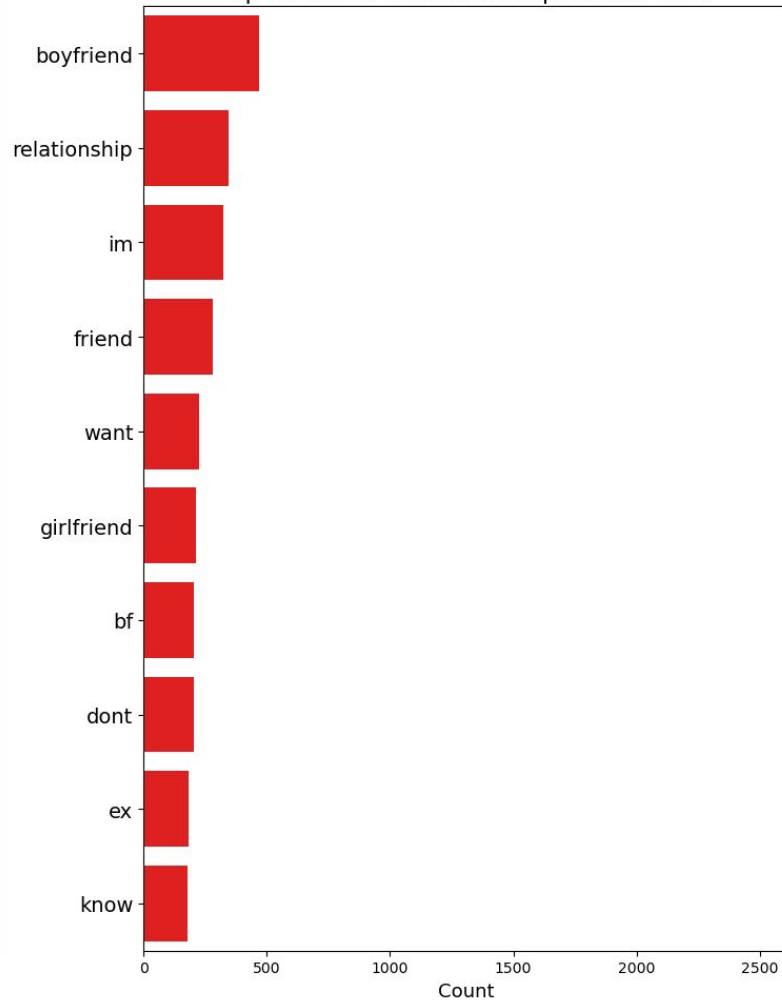
I (20s f) created a model to help redditors post in the correct subreddit

- Collected 3,000 posts per subreddit
- Cleaned the data and transformed posts to be fit for modeling
- Ran Logistic Regression and Decision Tree models to predict subreddits based on titles

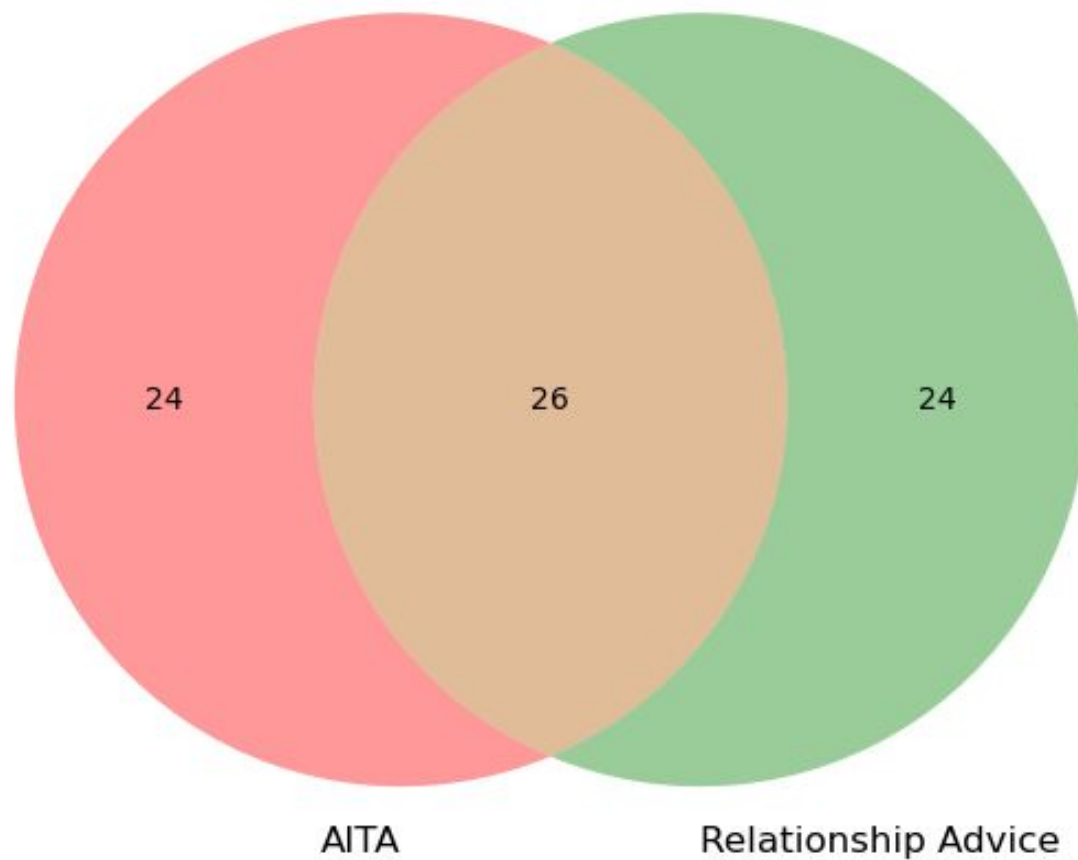
Top 10 Words in AITA Titles

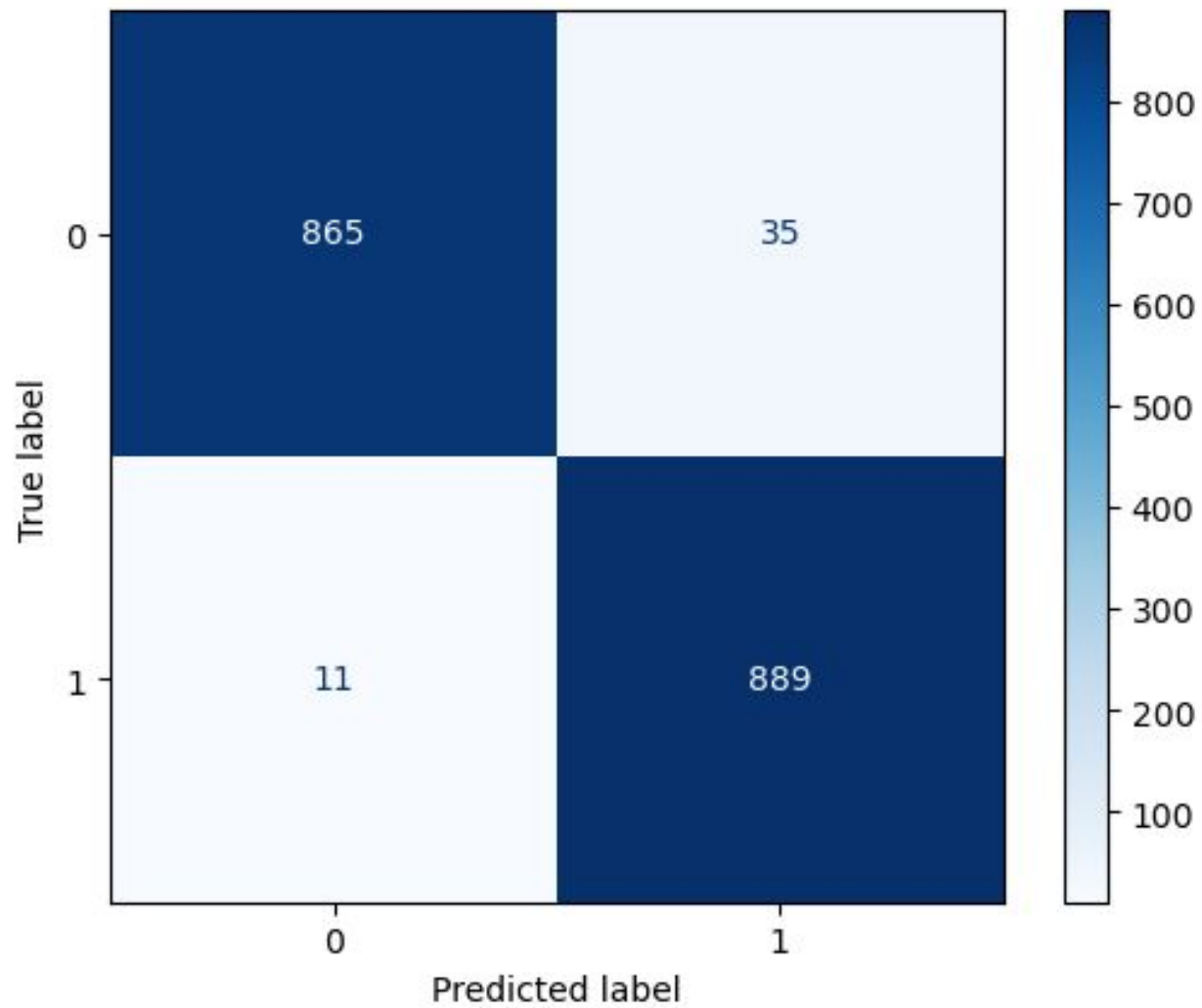


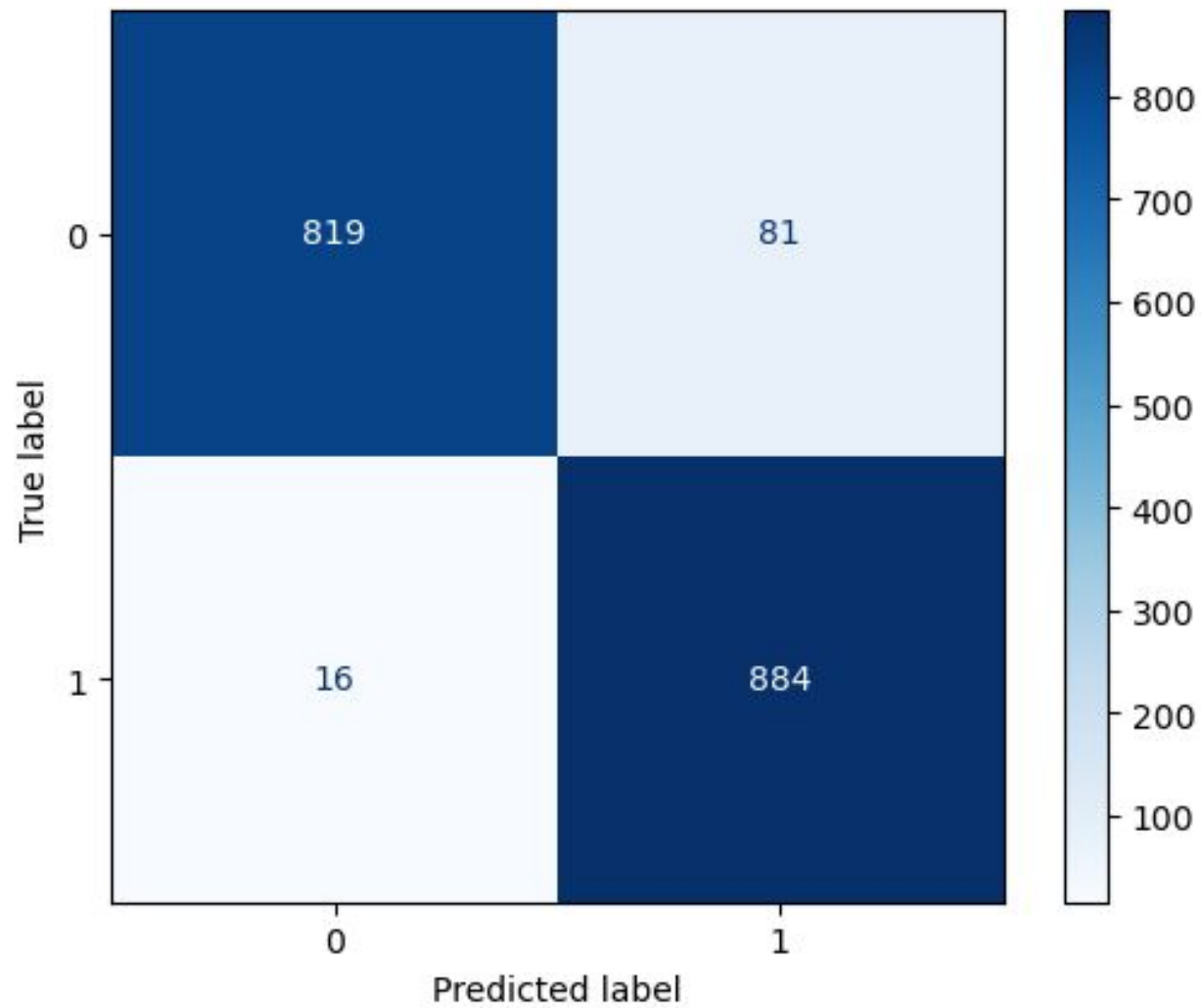
Top 10 Words in Relationship Advice Titles



Top 50 Words in Title







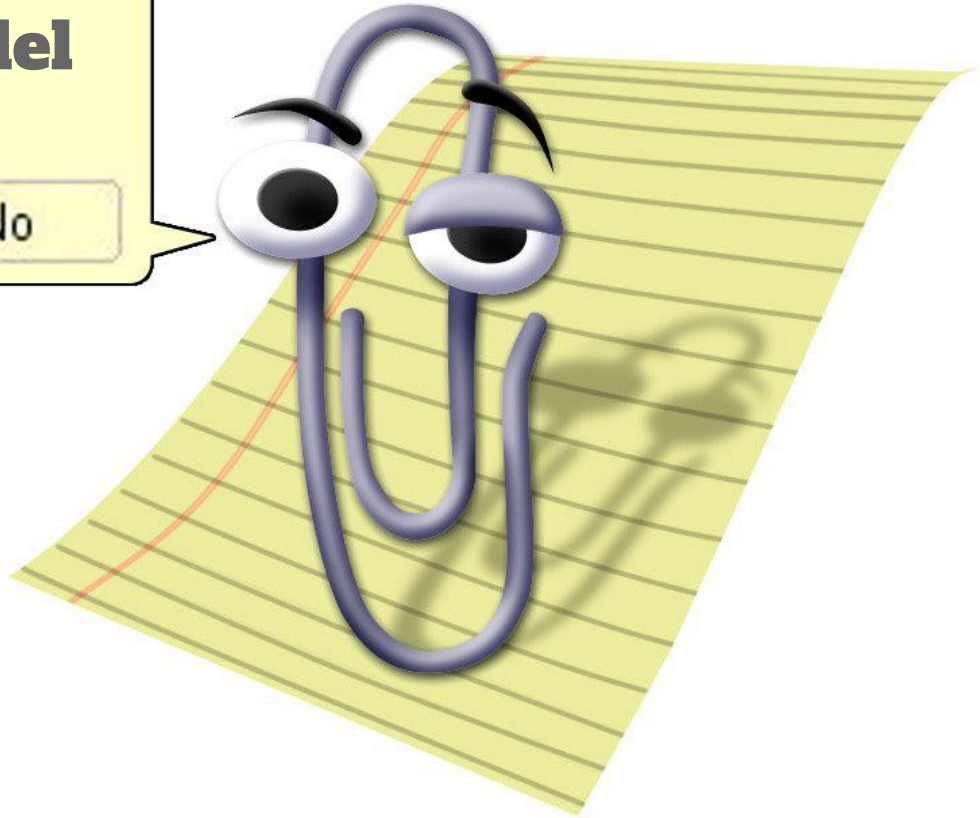
**Logistic
Regression
97%**

**Decision
Tree
94%**

**Would you like to
apply a logistic
regression model
to Reddit?**

Yes

No



Introducing... Reddy!

- Reddy helps redditors check to see if they are *ready* to post to the correct subreddit
- Reddy uses the logistic regression model to analyze the post's title
- Reddy guides redditors to other subreddits



Reddy Benefits

- Redditors can feel confident posting
- Moderators will have less posts to sort through
- Members will see more posts related to the subreddit they joined





In Conclusion

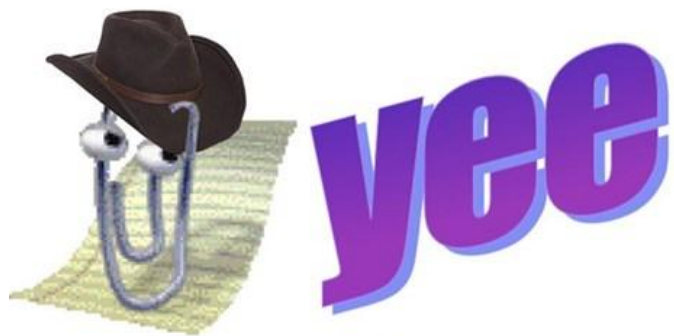
Modeling with logistic regression can predict which subreddit a post belongs to

Adding a tool such as Reddy can make Reddit more user friendly



Resources

- https://www.reddit.com/r/AmltheAsshole/comments/1297luf/aita_for_asking_my_mom_why_my_brother_and_his/
- https://www.reddit.com/r/relationship_advice/comments/1297uev/am_i_f18_the_asshole_for_asking_my_mom_late_4_Qsf/
- https://www.reddit.com/r/relationship_advice/comments/zgb220/i_26f_am_conflicted_cut_off_contact_with_my_dad/
- https://www.reddit.com/r/AmltheAsshole/comments/c1qofx/aita_for_not_wanting_a_relationship_with_my_dad/
- <https://i.imgflip.com/2s5wc0.jpg>
- <https://www.redditinc.com/assets/images/galleries/snoo-small.png>
- https://www.redditinc.com/assets/images/site/value_default-open.png
- https://www.redditinc.com/assets/images/site/value_work-hard.png
- <https://i.chzbgr.com/full/9222035968/h39AF9840/funny-meme-making-clippy-a-cowboy>
- https://www.redditinc.com/assets/images/site/value_mission-first.png



(and i can not
stress this enough)



haw

