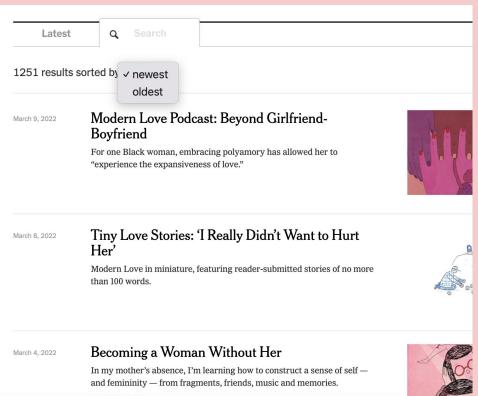


Business Problem





Economics



Toy Story [Repeat]

Sometimes, we find peace in the most unexpected places. Karla was



The Only Interpreter

Jhon says out loud what others say with their hands. Although...



Conflict Digital culture

By BECKY MILLER

Objective and Goal

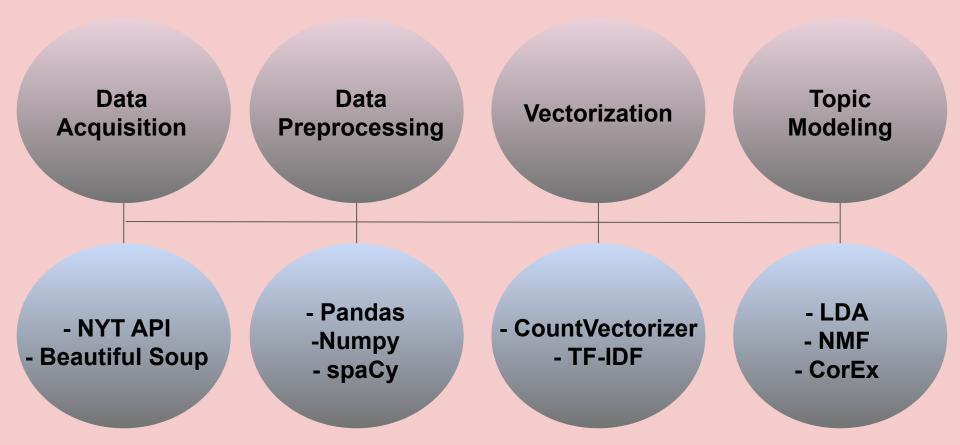
Objective

Build a topic model that identifies key topics among Modern Love essays and "tiny" love stories

Goal

Use topics to create topic links on the New York Times' website

Workflow



Results - LDA Topic Model

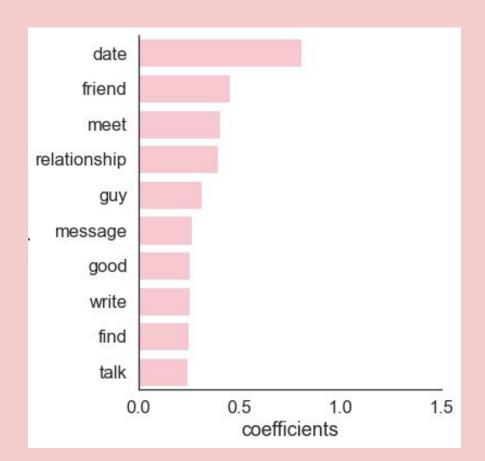
Topic 1: mother, father, life, marriage, come, new, look, friend, find, child Topic 2: look, date, mother, find, marriage, **home**, life, **enjoy**, father, leave Topic 3: mother, look, father, life, new, friend, marriage, date, meet, way Topic 4: friend, marriage, father, life, date, look, mother, meet, later, come Topic 5: mother, life, father, child, friend, date, marriage, come, leave, later Topic 6: mother, marriage, friend, child, father, come, life, meet, look, date Topic 7: mother, father, husband, child, life, come, look, marriage, friend, new Topic 8: marriage, mother, husband, father, child, come, life, friend, new, look



Topic 4 - "Dating"



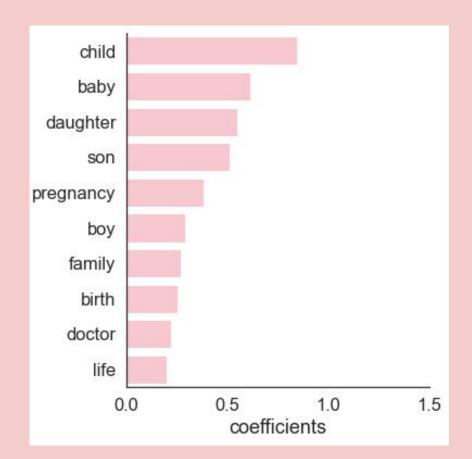
What if the fastest path to a committed relationship is to actively avoid one?



Topic 7 - "Pregnancy"



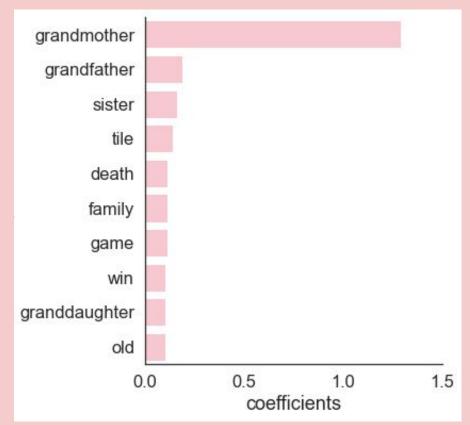
We found out by text message. "Don't get on the plane. The birth mother is unsure."



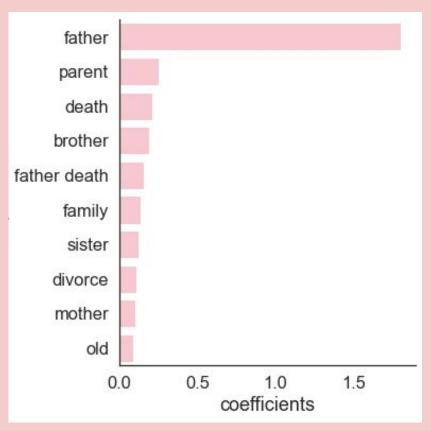
Topic 8 - "Grandparents"

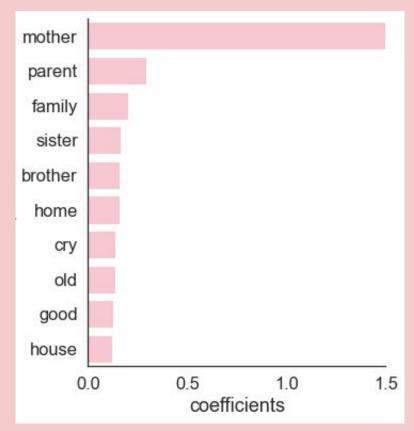


When my mother died young, her mother held loss for me. Now I fear losing her, too.

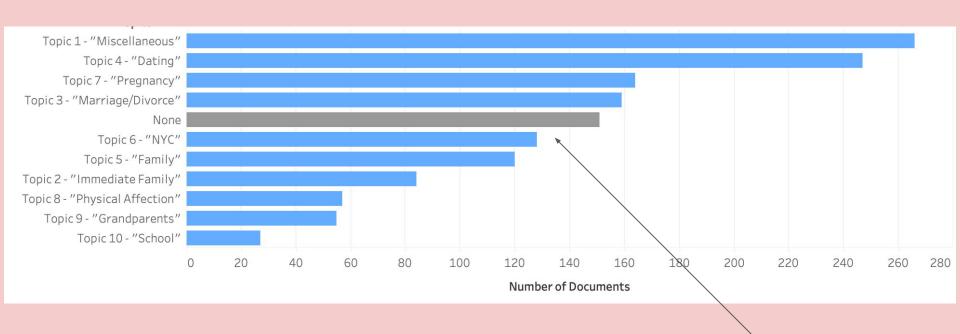


Topics 1 and 4 - both "Family"





Some documents not associated with a topic



all tiny love stories

Future Work

- Preprocess the texts further
- Try topic modeling the essays and tiny love stories
 separately
- Try clustering essays and tiny love stories