

Analysis of Subreddit Questions for Men and Women

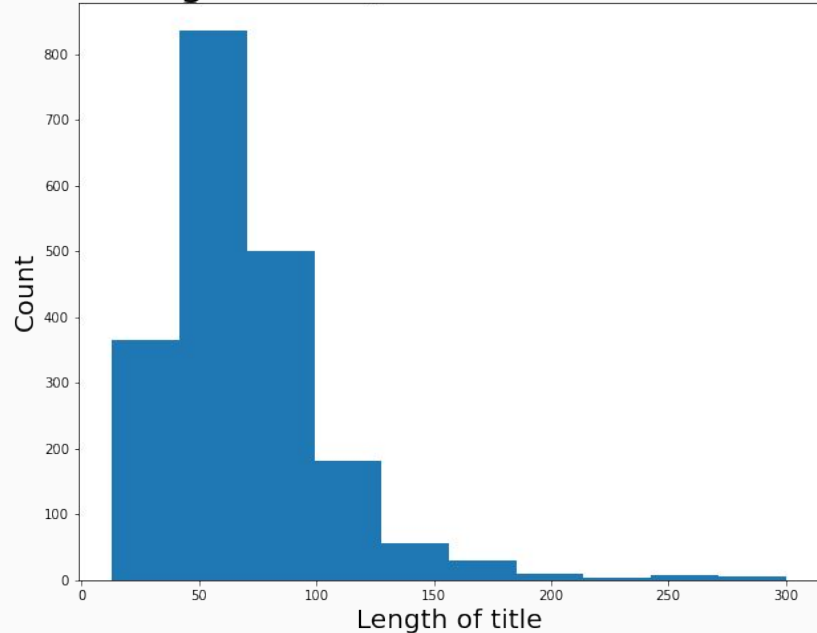
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Problem Statement

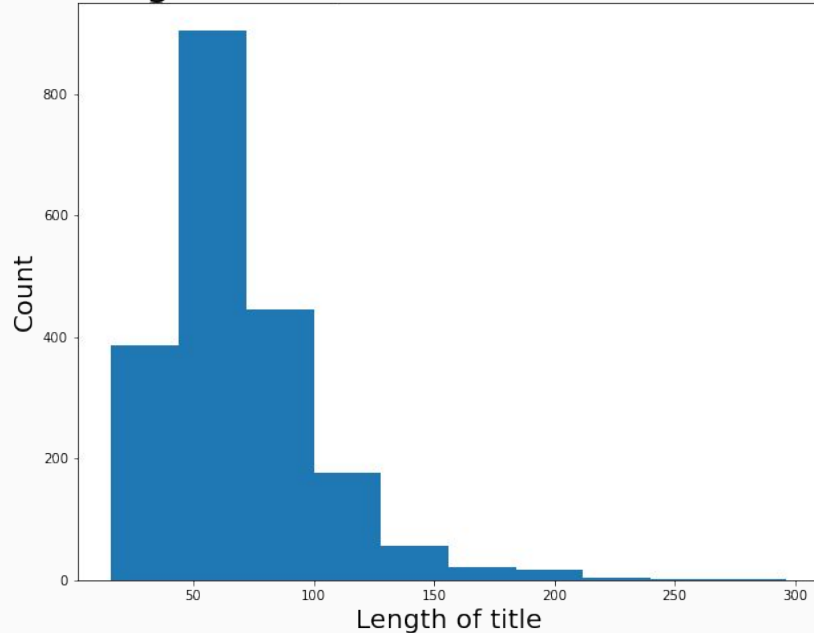
- A research study is being conducted on the questions given to men and women
- Goals:
 - A. Create a Classification model that can accurately classify questions tailored towards men or women
 - B. Use the Classification model to observe key terms and use those terms to examine behavioral differences between men and women

Looking at the Data

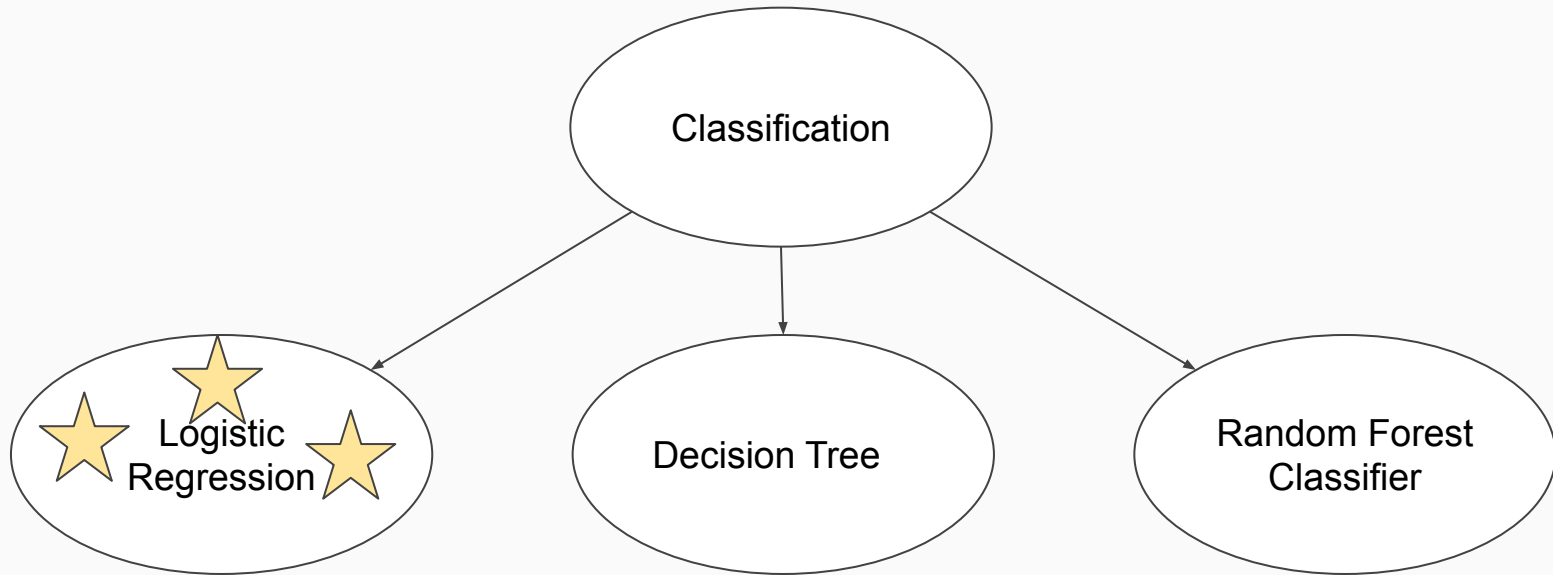
Histogram of Question Title's for Men



Histogram of Question Title's for Women

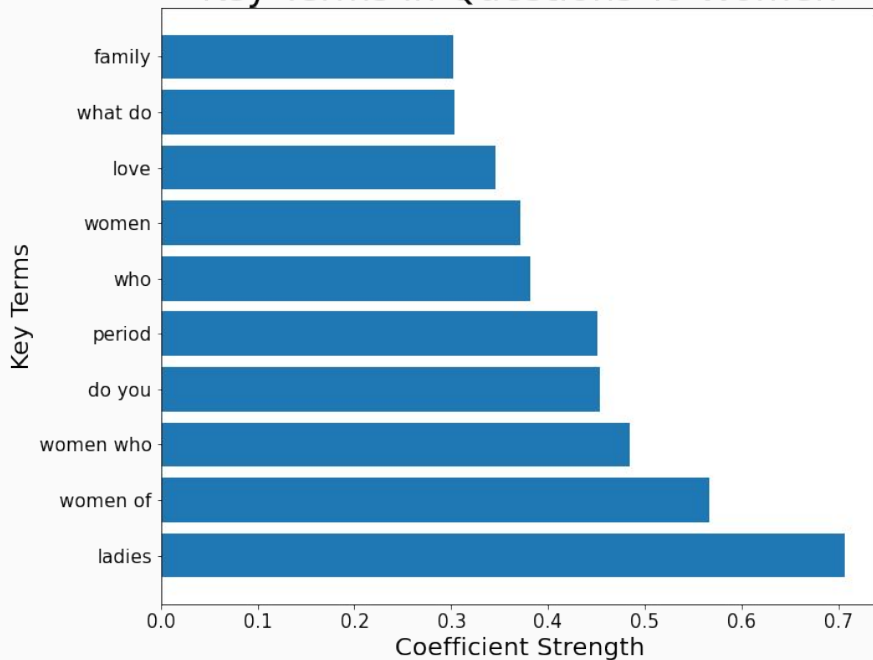


Models

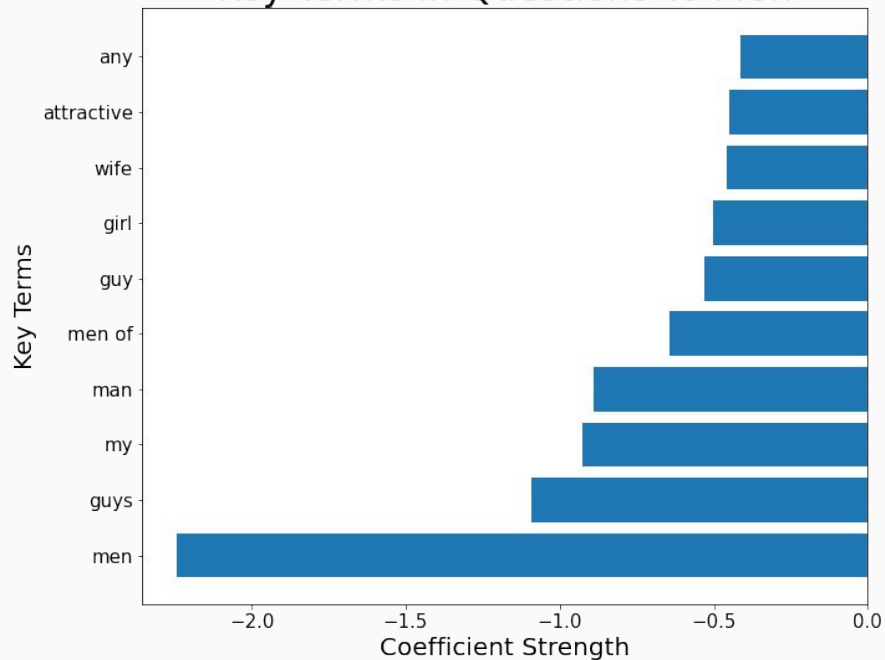


Key Words

Key Terms in Questions To Women



Key Terms in Questions To Men



Ambiguous Questions

- Which movie character do you relate to the most?
- What's the worst job you've ever worked?
- What are the best things you've ever experienced?

Conclusions

- **Model Improvements:** Neutral questions need to be filtered out or classified
- **Import Findings:** Key terms identified can be useful for behavioral study
- **Next steps:** Try and classify the gender of the person who asked the question