# **Analysis of Redditor Reliability**

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#### **ABSTRACT**

In this paper, we present a system by which to evaluate the reliability of the users of the popular social network Reddit. Though Reddit is many things to many people, increasingly, through the efforts of both the company running Reddit and the userbase itself, it is becoming a place where users come to read and discuss news. Thus, there is a growing need to evaluate the realibility of the suppliers of information on Reddit. We first collect features of reliable and unreliable users based on their contributions, and importantly, the reaction of the community to their contributions. We then use machine learning techniques to train a regression model to give a reliability score to an arbitrary user, with promising results.

#### 1. INTRODUCTION

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Something something boston bombing [3].

Something something news doesn't always go to the top [1]

### 2. RELATED WORK

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Something something only a single subreddit [2]

# 3. DESIGN

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## 4. EVALUATION

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#### 5. CONCLUSION

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## 6. ACKNOWLEDGMENTS

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# 7. REFERENCES

- E. Gilbert. Widespread underprovision on reddit. In Proceedings of the 2013 Conference on Computer Supported Cooperative Work, CSCW '13, pages 803–808, New York, NY, USA, 2013. ACM.
- [2] A. Leavitt and J. A. Clark. Upvoting hurricane sandy: Event-based news production processes on a social news site. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, CHI '14, pages 1495–1504, New York, NY, USA, 2014. ACM.
- [3] L. Potts and A. Harrison. Interfaces as rhetorical constructions: Reddit and 4chan during the boston marathon bombings. In Proceedings of the 31st ACM International Conference on Design of Communication, SIGDOC '13, pages 143–150, New York, NY, USA, 2013. ACM.