

Researchers trained SpoilerNet on 80 percent of the reviews on Goodreads, running the text through several layers of [neural networks](#). The system could detect spoilers with 89 to 92 percent accuracy.

They also ran SpoilerNet on a dataset of more than 16,000 single-sentence reviews of about 880 TV shows. The accuracy of the tool to detect spoilers was 74 to 80 percent.

Most of the errors came from the system getting distracted by words that are usually loaded and revelatory—for example murder or killed.

Looking forward, the Goodreads dataset can be used as a powerful tool to train algorithms to detect spoilers in different types of content—say, tweets containing spoilers.

More information: Fine-Grained Spoiler Detection from Large-Scale Review Corpora, arXiv:1905.13416 [cs.CL] arxiv.org/abs/1905.13416

Provided by University of California - San Diego
APA citation: Hate spoilers? This AI tool spots them for you (2019, July 8) retrieved 30 November 2020 from <https://techxplore.com/news/2019-07-spoilers-ai-tool.html>

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