



spoiler buster

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Business Problem

What's a Spoiler really?

A spoiler is an element of disseminated information that reveals the plot of a movie, book, series, play, or any other media or literature (Source: Oxford English Dictionary).

Need to bust spoilers!

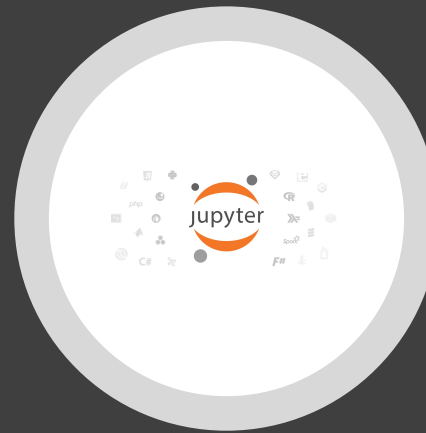
Spoilers **spoil the fun** and the thrill by revealing the climax that the potential consumer was not intended to know. It's like reading the last chapter of Agatha Christie novel soon after you buy it.

Internet is full of spoilers, and we must be able to **control whether we should reveal/hide the suspense.**



Technologies Used

- Algorithmia: MLOps
- Python
- Machine learning libraries: Scikit-learn, Pandas
- HTML/CSS/JavaScript for building the browser extension
- Git and GitHub for code management and version control.



Challenges

Biggest Challenge Integrating the browser extension and the algorithm



Dataset is large – Training the algorithm took significant time.



Encoding the data – transforming textual data to numbers and vectors.



Determining the **best algorithm** to solve the problem.



Difference in skillsets and knowledge among team members.



Potential Improvements

01

Refer to various published research papers and modify the algorithm accordingly

02


Reduce prediction time of the algorithm so that webpages can be loaded faster

03

Improve user experience of the web extension

04

Improve the knowledge base among all the team members



Demo Time!

Link to the [GitHub Repository](#) with code

Thank You!

