

ToSTE

A Partner to Your Privacy



Tech 22



Emilie Burton
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Arief Hutahaeen
LLM



Ryan Kim
CS



Data collected

Accounts
logged into

IP

Third Party
Connected Data

Gender

Credit Card
Information

Location

Name

Audio activity

Home Address

Operating
System

Tracking clicks

Operating
System

Age

Mouse
movement

97%

**People don't read ToS
because it's too lengthy**

84%

**People want a product
help them read ToS**

ToSTE



User friendly language



Simpler form



Essential information



Your privacy is protected
on this website!

ToSTE – A partner to your privacy

CORNELL TECH PRIVACY POLICY

<https://tech.cornell.edu/privacy-policy/>

Since both of us care about your information, here are simplified terms of our privacy policy for you to read:



Information collected

We collect personal information you submitted (see No.2), information about your session and information about your device and browser.



About information you submit

You can submit your: (a) contact information; (b) employment information; (c) educational information; (d) academic diversity initiatives; and (e) information about your business.



About using your information

We use the information you submitted for (not an exhaustive list): (a) notification delivery; (b) application consideration; (c) our record; (d) special-needs accommodation; (e) sharing news and other information; and (f) offering assistance.



About sharing your information

We won't sell your data to third parties for their advertising or promotion activities. But, for delivering services to you, we will share your information with: (a) Facebook; (b) Google; (c) Salesforce; (d) Siteimprove; (e) Twitter; (f) Instagram; (g) LinkedIn; (h) Localist; (i) Eventbrite; (j) Sumo; and (k) Element451.



About cookies

You can disable cookies in your browser, but our website may not work properly if you do that.

ToSTE



- Disclaimer -
This is not legal advice. And, since this is a summary, it may omit some details to ensure simplicity.



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User friendly language



Safe



Knowledge



Power



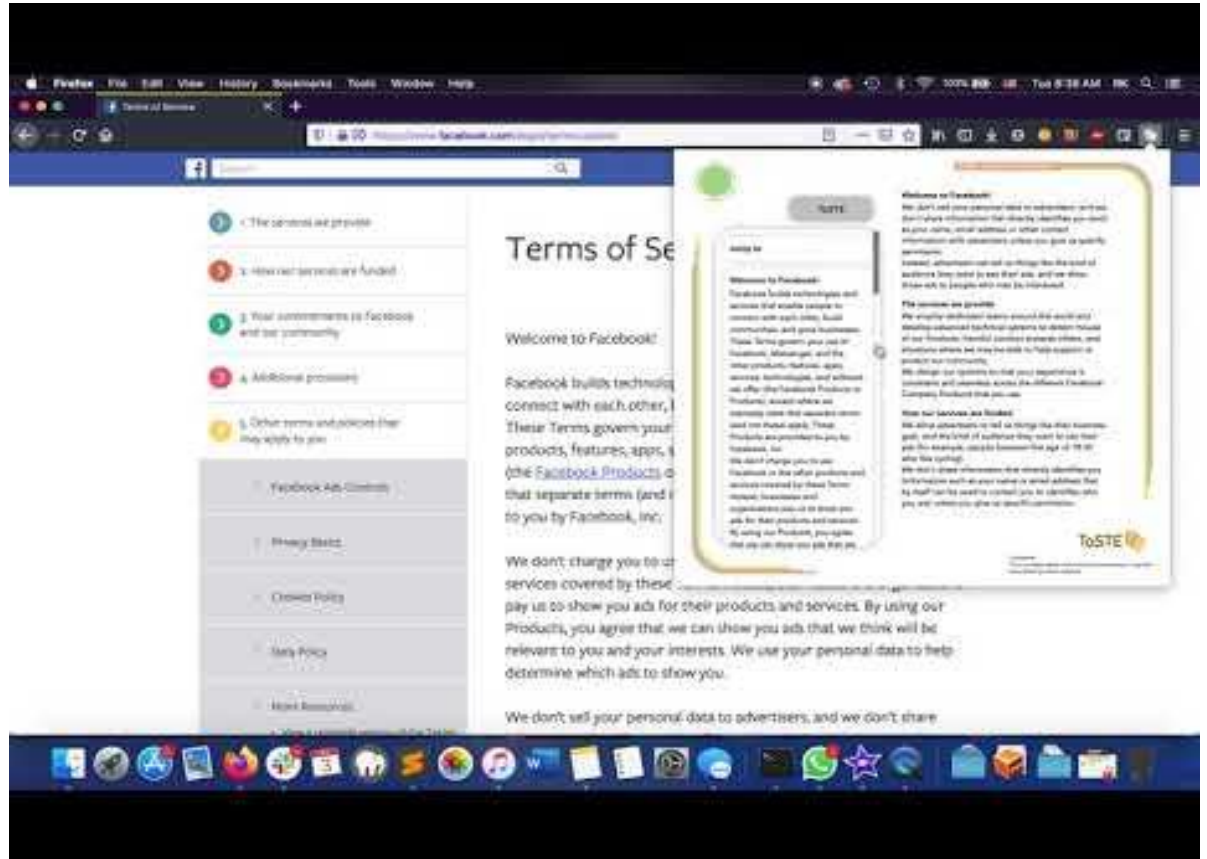
Disclaimer

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Link to Demo

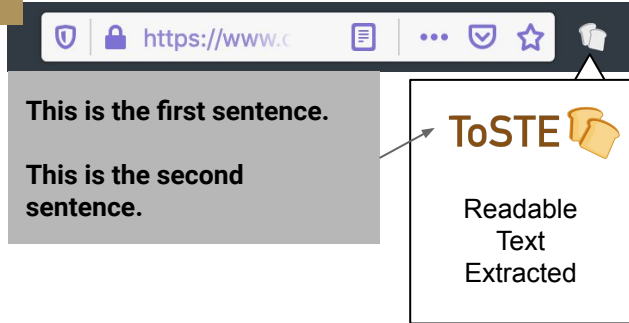
https://youtu.be/CW_4FoaCsfw



How Does ToSTE Work?


Front End JavaScript

1

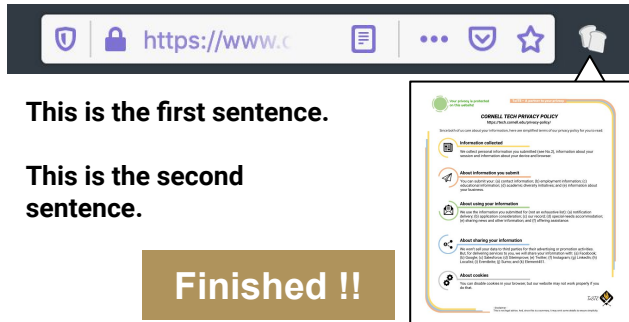


This is the first sentence.

This is the second sentence.


ToSTE 

Readable
Text
Extracted



This is the first sentence.

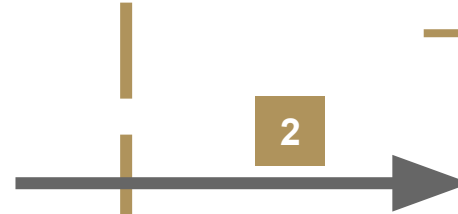
This is the second sentence.

ToSTE 

Finished !!

Back End Python

2



Information Collected

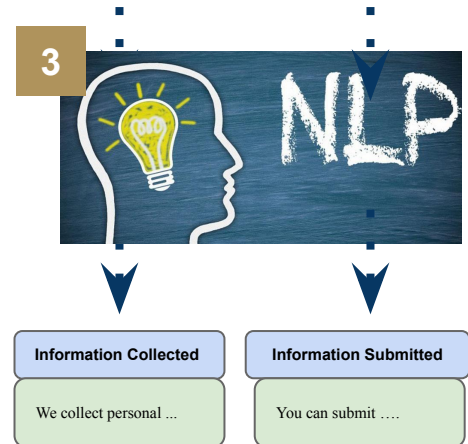
We collect personal data in order to provide oversight over all aspects of communication on our website

Information Submitted

By accepting the Terms and Services of this service, you are consenting to the submission of personal data.

...

3



NLP

Information Collected

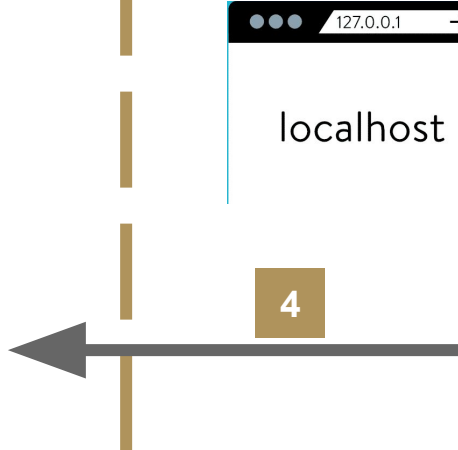
We collect personal ...

Information Submitted

You can submit

...

4



63%

People are more willing to sign up if a summarized ToS is provided



**Third-party
Validation**



**Better Customer
Relationship**



**Higher
Conversion Rate**

Knowledge Is Power

ToSTE 🍞🍞



Thank You



Emilie Burton
HT



Jerry Tsou
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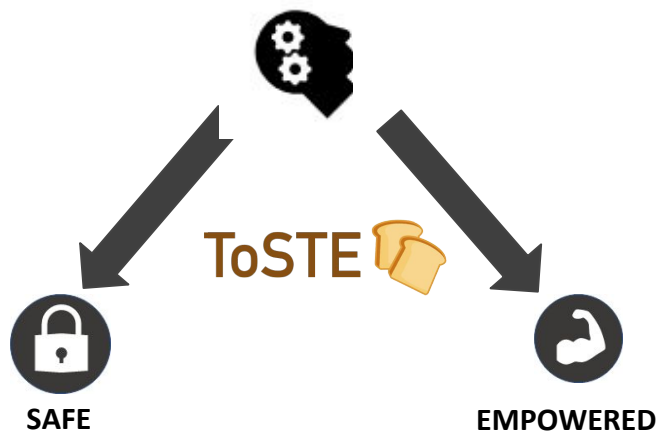


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Ryan Kim
CS

KNOWLEDGE



ToSTE \tos-tè\

Tool to summarize Terms of Service

Terms of Service Text Evaluator - A web extension that **reads** ToS on websites, **analyzes** the complicated privacy clauses using **machine learning**, **summarizes** the clauses, and **presents** them in **simpler language** to users.



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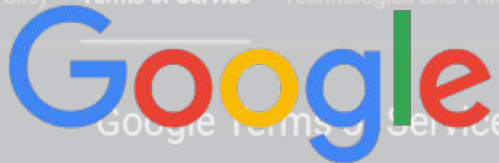
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- Disclaimer -

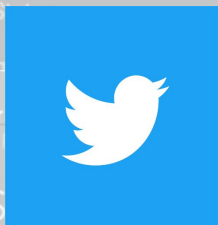
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Google has a set of terms, which enables them to use your data only to improve their services.



Facebook can basically use your information and content any way it sees fit.



Twitter's license allows the company to pass your content to any partner organization.



Dropbox's permissions allow it to share your data with "trusted 3rd parties" only to a certain extent.



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