

Start Program

User enters
study topic/
concept/term

Web scraping algorithm
searches web for topic/
concept/term

Web scraping
algorithm
returns block of
text

Call SMMRY, or
another TL;DR API,
on text

Add output
to study
sheet

Extract key topics/concepts/
terms from text using Microsoft
Azure Text Analytic API

Would the user like a
more detailed study
sheet?

No

Web scraping
algorithm
returns block of
text

End

Note: this flowchart only indicates the creation of one study sheet. "Start program" and "end program" only refer to one iteration. In reality, the program would start when the user enters the domain. This flowchart does not include the login, authentication, and UI. To see a detailed explanation of the web scraping algorithm, see Aarish's flowchart.

Yes

