

Identifying Ai Generated Text

Presented by:
Nick Kai

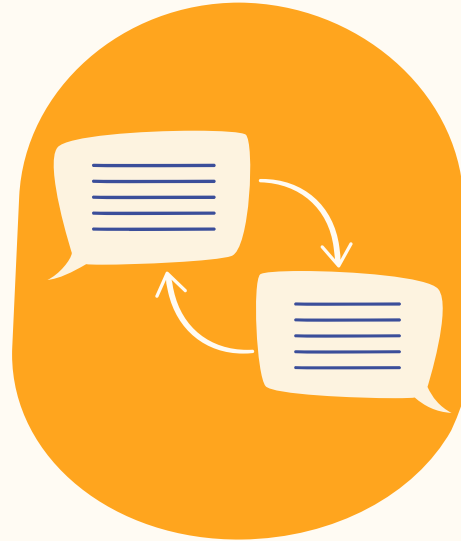
Using Chat
GPT-4



01

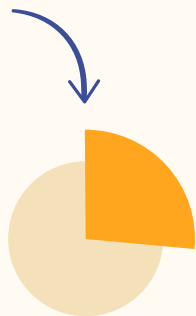
The Problem

Students are becoming over-reliant on AI



89% of College Students Admit to Using Chat GPT for Homework

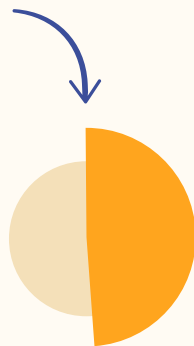
26%



Cheating

26% of educators K-12 have caught a student cheating

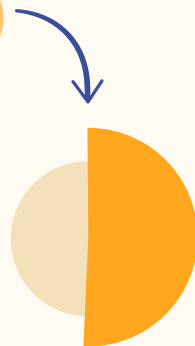
48%



Tests

48% of students report using Chat GPT for an at home test or quiz

53%



Essays

53% of students report having Chat GPT write one of their essays

90% of Students say
they prefer Chat-GPT
over a Human Tutor





Detecting Ai Generated Essays

Using a Machine Learning Model

How can we differentiate

We can train a model to recognize patterns in AI generated essays and analyze variables:

- Word choice
- Sentence complexity
- Perplexity

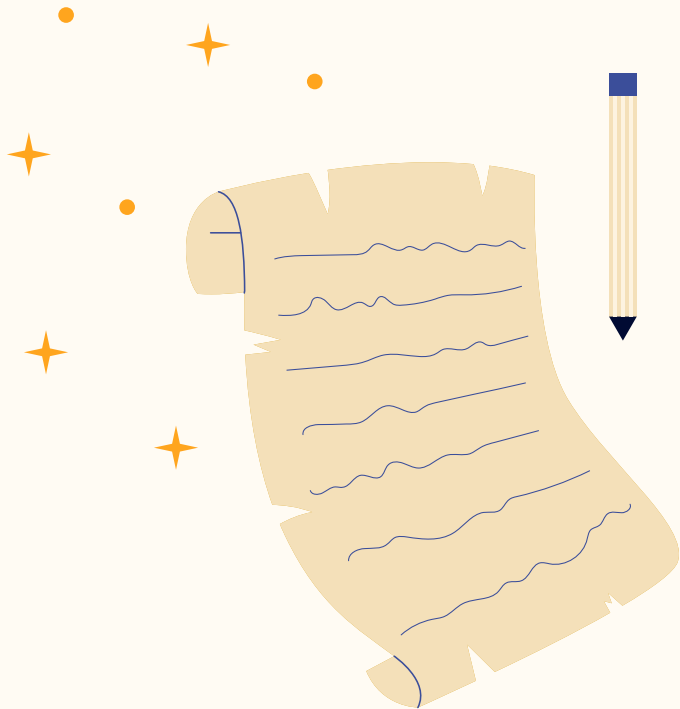




62%

Accuracy

With a limited sample size of training data



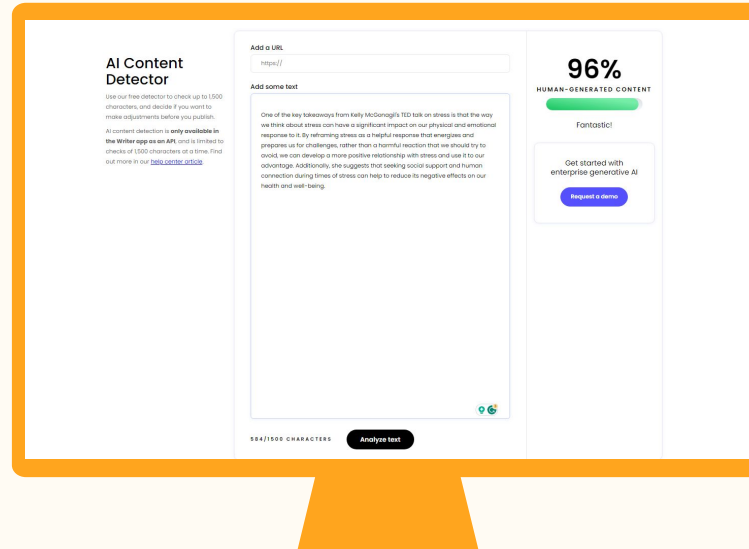
Next Steps

Using Chat GPT

We can generate even more data

Web-App

After Increasing the Accuracy
creating a tool so that anyone
can calculate the probability of
an essay being written by AI



Thanks!

Do you have any questions?

nhknicholas@gmail.com

Linkedin.com/nihkai



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