

MEIJO UNIVERSITY

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Connect for more

How to Create your own Text Analyzer

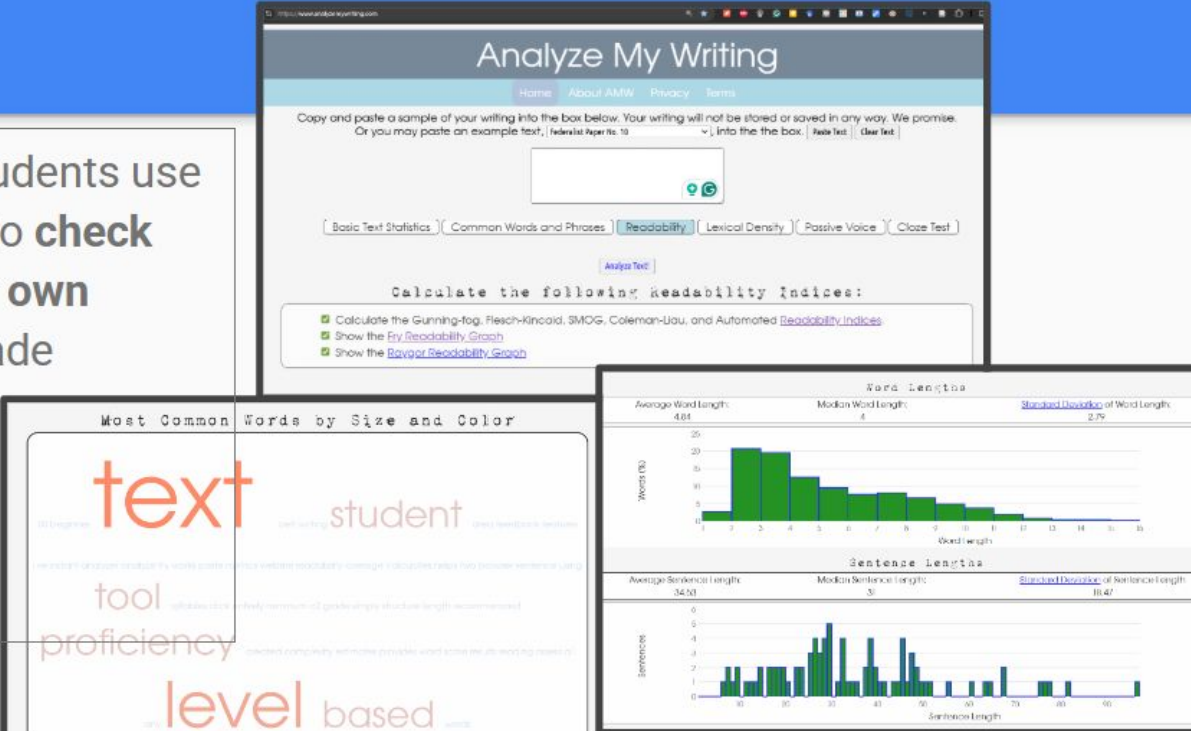
 <https://anthonybriangallagher.weebly.com/the-best-resources.html>

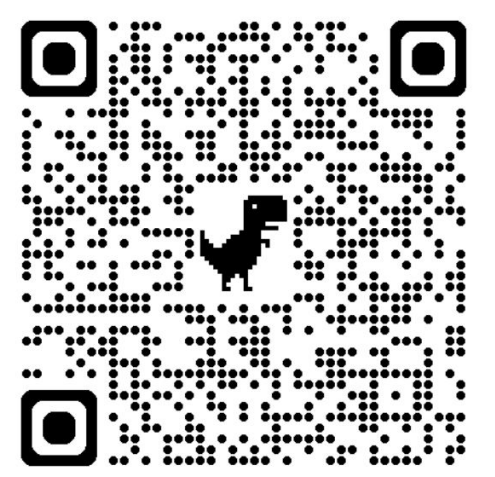
Your own tailored text analyzer using Claude AI.
Better analysis of your students' writing depending on your descriptions.
Improve the Student User Experience, with semi-autonomy.



My Inspiration was AnalyzeMyWriting.com

I would regularly have students use [AnalyzeMyWriting.com](#) to check the reading level of their own writing after they had made submissions.



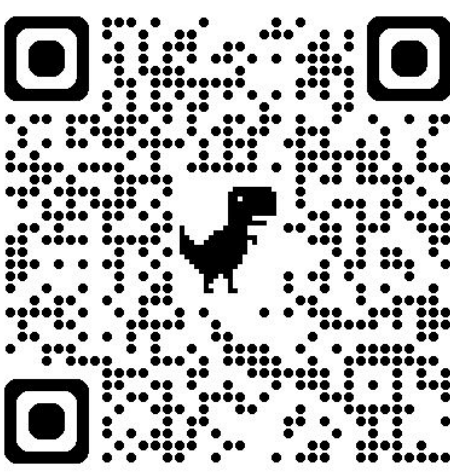


Link to [copyable Original Code](#)

The technology used: Claude AI Sonnet 4.5

The ver.1 prompt

Create a simple website that analyzes text using the following code



I've created the Student Work Analyzer website! This tool helps assess the reading level of student writing using two metrics:

Features:

- CEFR Level - Estimates proficiency from A1 (Beginner) to C2 (Proficiency) based on average word length
- Fry Readability Score - Calculates the US grade level based on syllables and sentence structure

Simply paste any text (minimum 50 words recommended) into the text area and click "Analyze Text" to see the results. The tool works entirely in your browser and provides instant feedback on text complexity.

The ver.1 OUTPUT

 Student Work Analyzer

Insert the student's text below and click "Analyze" to assess its CEFR level and Fry Readability Score.

before finishing the year to give thanks for the past year. When it becomes New Year's Day, they buy a new amulet. And then, they burn their amulets. Usually they spend time with their family, and go to relatives' houses that they can't meet because of distance. Therefore, it becomes the biggest event in a year for relatives. As adults, they have to give money to children called Otoshidama in Japanese. Not everyone knows the meaning of giving money, however people over 20 years old or working people have a role to do it. Probably, each family has a different rule about that. Almost all Japanese people think New Year's Day is important to spend with family therefore while they cannot meet friends they send a New Year's card to them. It is called mengajo. In this way, there are a lot of tiny and meaningful traditional cultures in Japan.
(209 words)

Analyze Text

Analysis Results

CEFR Level: A1-A2 (Beginner)

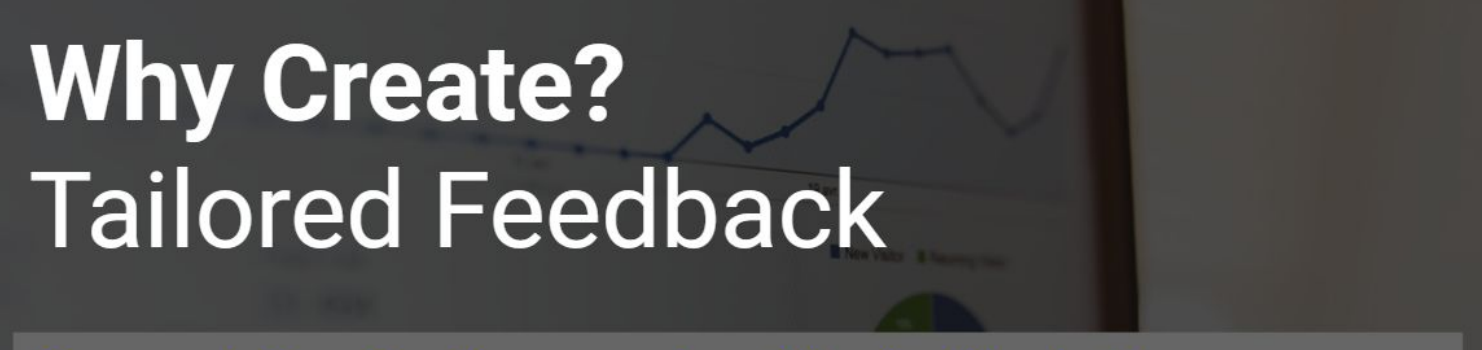
Fry Readability Score: 5th Grade (Syllables/100: 147.1, Sentences/100: 7.2)

*Note: The CEFR score is an estimate based on simplified metrics (like word frequency/length), as a full-featured CEFR classifier requires complex machine learning models.

<https://claude.ai/public/artifacts/76ad8a3e-6184-43c1-abb1-28f083e16069>

Why Create? Tailored Feedback

Your own tailored text/essay analyzer(s) using Claude AI.
Better analysis of your students' writing depending on your descriptions.
Improve the Student User Experience, with semi-autonomy.
Check yourself > your own quality of feedback, and more...



The 2.0 prompt

Create the "Gallagher Essay Analyzer 2.0" that analyzes the text to reveal the word count, CEFR level of English, and the Fry readability metric score. The analyzer must use linguistic metrics, including average word length, sentence complexity, polysyllabic word ratios, and subordinate clause density, to provide accurate CEFR and Fry assessment scores. The analyzer should pick out the 3 main themes of the essay with 3 specific example sentences. The analyzer must provide 2 commentary sentences on formatting, 2 sentences on organization, 2 sentences on supporting evidence, and a fully corrected reference list in APA style. Errors in APA citations and references must be shown in their correct form. A final comment should be included that is accurate and encouraging. The analyzer should look beautiful and include a "clear" button to enter another essay.



Gallagher Essay Analyzer 2.0

Gallagher Essay Analyzer 2.0

Advanced linguistic analysis with CEFR and Fry metrics

Paste your essay text below:

Enter or paste your essay here, including references section if applicable...

Analyze Essay

Gallagher Essay Analyzer 2.0

Made to be Easy Just copy, paste, click

Step 1
Copy the text

Step 2
Paste it in

Step 3
Click to analyze

<https://claude.ai/public/artifacts/1d44f36c-ef3a-4847-95cd-f7dfa9126884>

Word Count
755

CEFR Level
A2

Fry Score
Grade 9

Linguistic Metrics

Avg Word Length
4.52

Polysyllabic Ratio
0.107

Avg Sentence Length
9.8

Syllables/100 Words
152.5

Main Themes

Primary Argument

Supporting Evidence

Conclusion/Implications

Essay Feedback

Formatting

Organization

Supporting Evidence

Corrected APA References

Final Comment

The ver. 2.0 OUTPUT

<https://claude.ai/public/artifacts/1d44f36c-ef3a-4847-95cd-f7dfa9126884>

The 3.0 prompt

Create the "Gallagher Essay Analyzer 3.0" that analyzes the text to reveal the word count, CEFR level of English, and the Fry readability metric score. The analyzer must use the attached "Gallagher Standard Academic Writing Rubric" to provide accurate itemized assessment scores. The analyzer should show a score of either "excellent", "Adequate", or "Needs work" for each category of the rubric including: "Title, Introduction, Conclusion", "Thesis", "Organisation", "Support", "Analysis", "Sentence style", "Grammar and Spelling", and "APA mechanics". The analyzer must provide 2 commentary sentences on formatting, 2 sentences on organization, and 2 sentences on supporting evidence. The text analysis should end at the Word Count

NEW Gallagher Essay Analyzer 3.0

The ver. 3.0 OUTPUT

Text Analysis Metrics

Word Count
755

CEFR Level
A2

Fry Readability Score
17

Gallagher Rubric Assessment

Sentence Style
Needs work

Sentence Style
Needs work

Grammar and Spelling
Adequate

APA Mechanics
Excellent

Detailed Commentary

Formatting

Organization

Supporting Evidence

APA 7th Edition Style Corrections

Final Assessment

<https://claude.ai/public/artifacts/1e82fd62-d197-47f4-bd17-e346cb8e6404>

APA 7th Edition Style Corrections

No obvious APA formatting errors detected! Great work!

Final Assessment

Your essay demonstrates substantial effort and engagement with the topic. Continue refining your argumentation and evidence integration to elevate your academic writing to the next level. Keep up the excellent work!