Assignment 2: Data Science Newsletter
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Article : https://opendatascience.com/how-do-ai-content-detectors-work/

Summary:
AI content detectors identify patterns shared by both human-written and AI-generated material by using machine learning models. These algorithms, which have been trained on both kinds of information, examine categories to spot minute variations. Perplexity and burstiness are two important differences.

Perplexing:

- Evaluates the predictability of text.
- Since AI models rely on recurring patterns in incoming data, they lack originality.
- Word choice predictability shows little confusion, pointing to the creation of AI.
- Content that has been handwritten by humans tends to be more confusing, which suggests less predictability.

Burstiness:

- Focuses sentence structure.
- Because it processes information based on patterns, generative AI tends to prefer average lengths and basic structures.
- Higher burstiness, or greater diversity in sentence length and structure, is seen in human writing.
- Low burstiness and low perplexity are used by AI content detectors to reliably identify text that has been created by AI.