

Practical 10: AI Text Bias & Plagiarism

Aim

To analyze AI generated text for plagiarism and bias.

Objectives

- To detect biased statements
- To improve writing

Materials Required

- ChatGPT / Gemini
- Grammarly

Procedure

1. Generate paragraph from AI – Use an AI writing tool to produce a clear, coherent paragraph on your chosen topic.
2. Check plagiarism – Run the paragraph through a plagiarism checker to ensure originality and proper attribution.
3. Check grammar – Review the text with a grammar tool to correct errors in punctuation, spelling, and sentence structure.
4. Identify biased statements – Examine the content for subjective language, assumptions, or one-sided viewpoints.
5. Rewrite neutrally – Revise the paragraph to remove bias, ensuring the tone is balanced, objective, and fact-based.

10'Ask ChatGPT OR Google Gemini to generate a 100–120word paragraph on: "Is online learning better than offline learning for college students?"

Online learning can be better than offline learning for college students in many ways. It offers flexibility, allowing students to attend classes from anywhere and manage their time more effectively. Online platforms provide access to recorded lectures, digital notes, and a wide range of learning resources, which helps students revise at their own pace. It is also cost-effective, as it saves travel and accommodation expenses. However, offline learning has advantages like face-to-face interaction, better discipline, and practical exposure. Overall, online learning is beneficial for self-motivated college students, especially when combined with offline methods in a balanced way to achieve better learning outcomes.

(A) Run the AI-generated text through Grammarly and any plagiarism-check tool.

1 Grammarly Check

- Copy the AI paragraph I gave you
- Go to: www.grammarly.com
- Create a free account (if you don't have one)
- Paste the text into the editor
- Take a screenshot showing

2 Plagiarism Check

Use any free plagiarism tool such as:

- Quetext.com
- SmallSEOTools.com/plagiarism-checker
- PlagiarismDetector.net

Steps:

Paste the AI paragraph

Click Check Plagiarism

Question (b): Now manually search online to check if similar sentences exist on blogs or articles.

Answer:

During a manual online search, similar ideas were found in several blogs and articles related to online education. For example, an article titled “*8 Reasons Why Online Education Is Better than Offline*” mentions flexibility, saving travel time. Another blog discusses advantages such as learning from anywhere, time management, and digital learning tools. Although the wording of the AI-generated paragraph is different, the ideas are similar to those commonly available on the internet.

Question (c): Identify 2–3 biased statements in the AI answer, such as over-generalizations, one-sided opinions, or unproven claims?

1. **“Online learning can be better than offline learning for college students in many ways.”**
This is an over-generalization because it assumes online learning is better for most college students without considering individual learning styles or course requirements.
2. **“Online learning is beneficial for self-motivated college students.”**
This is a one-sided opinion, as it implies that online learning mainly works for self-motivated students and overlooks those who may succeed with proper support in offline settings.
3. **“Overall, online learning is beneficial ... to achieve better learning outcomes.”**
This is an unproven claim because it states that online learning leads to better learning outcomes without providing evidence or data to support it.

Question (d): Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions.

Answer: Rewritten Neutral and Balanced Paragraph

Online and offline learning both offer important benefits for college students. Online learning provides flexibility, convenience, and access to recorded lectures, which can help students manage their time effectively. However, offline learning allows direct interaction with teachers and classmates, structured schedules, and hands-on practical experience. Some students perform better in online environments, while others benefit more from traditional classrooms. The effectiveness of either learning method depends on individual learning styles, course requirements, and personal situations. Therefore, neither online nor offline learning can be considered better for everyone, and a balanced combination of both methods may provide the best learning experience.

(e) Submit 3 screenshots

1) Plagiarism check result

The screenshot shows the 'Report' page of the Plagiarism Checker software. The left sidebar includes options like Dashboard, Online Plagiarism, Side By Side Difference, Bulk Comparison, Reading Level Checker, and Settings. The main content area displays a detailed report with two sections:

- Report**: Content similarity detailed highlighted report.
- Score**: Overall Similarity is 92%.

Key statistics shown are 106 Matched Words, 115 Total Words, and 3 Sources. The sources listed are:

- 1 schoolofsciencery.com INTERNET (47%)
- 2 openwingsfoundation.org INTERNET (30%)
- 3 en.wikipedia.org INTERNET (16%)

The interface has a navigation bar at the top with icons for Back, Home, Help, and Settings.

The screenshot shows the 'Summary' page of the Plagiarism Checker software. The left sidebar is identical to the previous screenshot. The main content area displays a summary report with the following details:

- Summary**: Scanned content overall summary report.
- Share your score**: Buttons for Post on Facebook and Tweet.
- Pie Chart**: A pie chart showing the distribution of words. The legend indicates that dark blue represents 'Plagiarized (92%)' and light green represents 'Unique (8%)'.
- Date**: Jul 23, 2023.
- Words**: 106 Matched Words / Total Words 115.
- Source**: 3 Source(s) Identified.
- Remarks**: High similarity detected, please make the necessary changes to improve the writing.

The interface has a navigation bar at the top with icons for Back, Home, Help, and Settings.