

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

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

OUTPUT :

a) Plagiarism check result -

The screenshot shows the PapersOwl plagiarism checker interface. At the top, there are navigation links: Log out, My orders, My balance \$0.00, ADD FUNDS, PLACE ORDER, and Menu. Below the header, the title "Free Online Plagiarism Checker" is displayed. The main content area contains a text editor with a blue highlight overlay indicating matching words. The text is as follows:

online learning is better than offline learning for college students because it offers flexibility and convenience students can attend classes from anywhere save travel time and manage their schedules more easily online platforms also provide access to recorded lectures and digital resources making revision simpler additionally online learning is more affordable since it reduces expenses related to accommodation and transportation many students feel more comfortable participating in discussions online than in physical classrooms as technology continues to improve online education is becoming more effective and is likely to replace traditional classroom learning in the future

Below the text editor, it says "95 words (683 characters)". There are two buttons at the bottom: "Recheck this text after changes" and "Check another text". To the right of the text editor, the similarity report is shown with "SIMILAR 55.7%" and "ORIGINAL 44.3%". A large orange button labeled "MAKE IT UNIQUE" is present. Below the similarity report, a section titled "Text matches these sources" lists five URLs with their respective similarity percentages: 36.2%, 31.6%, 24.8%, 23.6%, and 10.4%. At the bottom right, there is a reCAPTCHA verification box with the message "reCAPTCHA is changing its terms of service. Take action." and a "Privacy - Terms" link.

b) Grammarly suggestions page -

The screenshot shows the GrammarCheck interface. At the top, there is a logo with a checkmark icon and the text "GrammarCheck" next to it. On the right, it says "#1 Grammar Checker". Below the logo, there is a navigation bar with links: HOME, BLOG, INFOGRAPHICS, and CHECK YOUR TEXT. The main content area contains a text editor with a toolbar above it. The text in the editor is identical to the one in the previous screenshot. The toolbar includes icons for back, forward, select all, copy, paste, and other text processing functions. To the right of the text editor, there are "STATS" and "TOOLS" buttons. At the bottom of the page, it says "Errors found: 7" and "Words : 95 Characters : 683". There are three buttons at the bottom: "Free Check" (blue), "Fix Errors" (green), and "Deep Check" (orange).

c) Original AI paragraph vs rewritten unbiased paragraph –

Original AI-generated paragraph

Online learning is better than offline learning for college students because it offers flexibility and convenience. Students can attend classes from anywhere, save travel time, and manage their schedules more easily. Online platforms also provide access to recorded lectures and digital resources, making revision simpler. Additionally, online learning is more affordable since it reduces expenses related to accommodation and transportation. Many students feel more comfortable participating in discussions online than in physical classrooms. As technology continues to improve, online education is becoming more effective and is likely to replace traditional classroom learning in the future.

Rewritten unbiased paragraph

Online learning and offline learning both have advantages for college students. Online learning offers flexibility, allowing students to attend classes from different locations and access recorded lectures for revision. It may also reduce certain costs, such as travel and accommodation. However, offline learning provides direct interaction with teachers and classmates, which can improve communication skills and classroom engagement. Some students benefit more from structured, face-to-face environments, while others prefer independent online study. The effectiveness of each mode depends on the subject, learning style, and available resources. Therefore, a balanced approach that combines online and offline learning may be most beneficial for college students.