

✓ Assignment 2_ Professional Report

Objective

The assignment involves writing an essay based on a provided quote, with specific formatting and content requirements:

1. Cover/Title Page: Include a cover page with your full name and student ID.
2. Quote Selection: Choose one quote from a given list. These quotes are related to topics covered in the course.
3. Essay Requirements:
 - Word Limit: The essay should be 1000 words, excluding references and header.
 - Position: You can either support or oppose the chosen quote.
 - Sources: Use course materials and links primarily. You are allowed to use additional materials, but time for external research is limited.
 - Citation Style: All sources must be cited and referenced using either Harvard or APA style.
4. Essay Format:
 - Follow a standard essay format with an introduction, body, and conclusion.
 - Ensure clear, concise, and ordered paragraphs.
 - Maintain standard borders, consistent line spacing, and a clear font choice.
5. Quality of Writing:
 - The essay requires excellent spelling and grammar.
6. Submission and Grading:
 - Your work will be submitted and graded through Turnitin.

The goal of this assignment is to develop a well-argued position on the chosen quote within a short time frame, demonstrating your understanding of the course material and your ability to articulate your thoughts clearly and effectively.

Guide to complete the part

To begin structuring your essay, first, select a quote that resonates with you and aligns with the topics covered in your course. For demonstration purposes, let's choose Stephen Hawking's quote about Artificial Intelligence (AI): "The development of full artificial intelligence could spell the end of the human race. It would take off on its own, and re-design itself at an ever increasing

rate. Humans, who are limited by slow biological evolution, couldn't compete, and would be superseded."

Here's a structured framework for your essay:

1. Cover Page: Include your full name and student ID.

2. Introduction (100-150 words):

- Begin with a hook: Introduce a startling fact or a compelling question related to AI's rapid development.
- Contextualize the quote: Briefly mention its origin and relevance to modern discussions on AI.
- Thesis statement: Clearly state your position—either in support or opposition of Hawking's view. For example, "This essay argues that while AI's development poses significant challenges, it is unlikely to supersede humanity due to ethical safeguards and the inherent limitations of artificial intelligence."

3. Body (700-800 words):

- Paragraph 1: Discuss the rapid advancement of AI technology. Use examples from current AI applications to demonstrate its growth rate.
- Paragraph 2: Analyze the potential risks of unchecked AI development, as suggested by Hawking. Include expert opinions and data.
- Paragraph 3: Counter-argument—present the limitations of AI, such as lack of emotional intelligence or ethical decision-making.
- Paragraph 4: Discuss the role of ethical frameworks and regulations in AI development. Reference current debates or guidelines in place.
- Paragraph 5: Offer examples of successful human-AI collaboration, emphasizing the complementary nature of this relationship.

4. Conclusion (100-150 words):

- Restate your thesis in light of the arguments made.
- Summarize the key points of your argument.
- Provide a final thought or question for the reader, relating to the future implications of AI on human society.

5. References:

- Include all sources cited in your essay. Adhere to Harvard or APA style for citation and referencing.

Remember to maintain a clear and concise writing style, use consistent formatting, and ensure excellent spelling and grammar. The structure provided aligns with the standard essay format and should help in organizing your thoughts and arguments effectively.

Tips for Success:

- **Thorough Understanding of the Quote:** Ensure you fully comprehend the implications of Stephen Hawking's statement on AI. Research its context and relevance to today's technological landscape.
- **Balanced Argumentation:** While you may lean towards a particular stance, acknowledging counterarguments strengthens your essay. Present both sides of the debate before drawing your conclusions.
- **Use Credible Sources:** Back your arguments with data and opinions from reputable sources. Academic journals, authoritative tech reports, and expert analyses are excellent resources.
- **Clear Structure and Coherence:** Adhere to the essay structure (introduction, body, conclusion) and ensure each paragraph transitions smoothly into the next. Each paragraph should address a specific aspect of your argument.
- **Critical Analysis:** Go beyond just describing AI advancements. Analyze the potential impacts, both positive and negative, on society, ethics, and the human race.
- **Adherence to Formatting Guidelines:** Follow the instructions regarding font, margins, line spacing, and citation style (Harvard or APA) meticulously.
- **Proofread and Edit:** Check for grammatical errors, spelling mistakes, and sentence structure. Clarity and readability are crucial.

Points to Avoid:

- **Overgeneralization:** Avoid making sweeping statements about AI without evidence. Stick to specific, well-supported points.
- **Ignoring Ethical Considerations:** Given the topic's nature, it's essential to address the ethical implications of AI development.
- **Plagiarism:** Always cite your sources correctly. Using someone else's work without proper attribution is academically unethical.
- **Exceeding Word Limit:** Stick to the 1000-word limit, excluding references and headers. Being concise is key.
- **Overreliance on Technical Jargon:** While technical details are important, ensure your essay is accessible to readers who may not have a deep understanding of AI.
- **Neglecting the Course Material:** Utilize the materials and links provided in your course for relevant and course-specific insights.
- **Personal Bias:** Maintain an academic tone and avoid letting personal opinions overshadow objective analysis.

✓ Sample Answer

Sample Answer

1. Introduction

In an era where technology evolves at an unprecedented pace, Artificial Intelligence (AI) stands at the forefront, promising vast possibilities yet posing significant challenges. Stephen Hawking, a luminary in the scientific community, famously stated, "The development of full artificial intelligence could spell the end of the human race..." This essay critically examines Hawking's proposition, arguing that while AI presents risks, its coexistence with humanity is feasible through ethical regulation and inherent technological limitations.

2. Body

- Paragraph 1: The Rapid Advancement of AI

The development of AI has been meteoric, marked by milestones such as IBM's Watson winning Jeopardy and Google's DeepMind defeating human champions in Go. These examples epitomize the AI's capability to learn and evolve, signaling a trend towards increasingly sophisticated applications.

- Paragraph 2: The Risks of Unchecked AI Development

Hawking's warning stems from a concern that AI, once achieving a level of autonomy, could redesign itself at an exponential rate, outpacing human intellectual and evolutionary capabilities. The fear is not unfounded; AI, if not properly governed, could lead to unintended consequences, as seen in cases of biased decision-making systems and privacy infringements.

- Paragraph 3: Limitations of AI

Despite its advances, AI lacks certain human faculties, such as emotional intelligence and moral reasoning. These limitations suggest that AI, in its current form, is unlikely to completely supersede human capabilities.

- Paragraph 4: Ethical Frameworks and Regulations The key to harnessing AI's potential while mitigating risks lies in robust ethical frameworks and regulations. Initiatives like the EU's guidelines on trustworthy AI set a precedent for ensuring AI development aligns with human rights and ethical standards.

- Paragraph 5: Human-AI Collaboration

Rather than viewing AI as a competitor, its role can be seen as complementary. Examples include AI-assisted medical diagnostics and AI-driven environmental conservation efforts, where human expertise synergizes with AI's analytical prowess.

3. Conclusion

The narrative that AI could end the human race is compelling yet overlooks the multifaceted nature of AI's interaction with humanity. While acknowledging the risks highlighted by Hawking, this essay posits that through ethical oversight and recognition of AI's limitations, a future where humans and AI coexist beneficially is not just possible, but probable.

4. References

[Appropriate references in Harvard or APA style]

Note that this sample answer is just for reference purpose. The real essay should be more detailed with cited sources