

Ap Sem Summer Assignment

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1 Lens, Issues, and Articles

- Theme: Technology

| Lens | Issue/Question | Article |
|---------------|---|---|
| environmental | How can we use technology to efficiently generate and store energy? | https://energystorage.org/why-energy-storage/technologies/ |

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| Lens | Issue/Question | Article |
|----------------------------|---|---|
| Scientific | How can we use technology to filter out artificial research papers? | https://www.nature.com/articles/d41586-021-00733-5 |
| Economic | How can we use AI to predict demand and reduce cost of goods? | https://hbr.org/2016/11/the-simple-economics-of-machine- |
| Political and Historical | How can we use AI to analyze and predict the results of elections? | https://www.wsj.com/articles/artificial-intelligence-shows-po |
| Artistic and Philosophical | How will artificially-generated art affect art prices in the future | https://www.forbes.com/sites/jessedamiani/2020/09/21/in-this-exhibition-an-ai-dreams-?sh=6c0d29e732e6 |

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| Lens | Issue/Question | Article |
|---------------------|---|---|
| Cultural and Social | What are the effects of technology on a kids social life? | https://www.linkedin.com/pulse/impacts-technology-culture-traditions-2020-2021 |
| Futuristic | How will technology affect transportation in the future? | https://capgemini-engineering.com/us/en/insight/how-technologies-will-change-the-transportation-industry |

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| Lens | Issue/Question | Article |
|---------|--|---|
| Ethical | How can we prevent unethical robotics in the future? | https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiq9c2RgKLyAhWTRjABHVk1BYMurl=https%3A%2F%2Fwww.frontiersin.org%2Farticles%2F10.3389%2Ffrobot.2017.00075%2Ffull&usg=AOvVaw2guSvyvgU40WgLh_aLAXnQ |

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| Lens | Issue/Question | Article |
|------|----------------|---------|
|------|----------------|---------|

2 Choose one of the lenses with the best question which you have created. Read a few articles on the topic, and for two articles do the following:

2.1 Article 1: [The fight against fake-paper factories that churn out sham science][<https://www.nature.com/articles/d41586-021-00733-5>]

1. Brief summary of the article

- Since last January, journals have retracted at least 370 papers that have been publicly linked to paper mills. Many more retractions are expected to follow; 15 are still under investigation. Research-integrity sleuths have warned that some scientists buy papers from third-party firms to help their careers. Image detectives who work under pseudonyms posted a list of more than 400 published papers they said probably came from a paper mill in January 2020. By March 2021, they had collectively listed more than 1,300 articles as possibly coming from paper mills. Around 26% of the articles that the sleuths alleged came from paper Mills have so far been retracted or labelled with expressions of concern.

2. Authors Thesis:

3. To what extent are the authors claims valid?

4. What is one weakness with the author's claim?

5. Copy and paste 2 direct quotes that best represent this article .

6. Evaluate the article's effectiveness. Is it convincing?

7. Do you agree with the author?

8. Create an MLA works cited entry for each article

2.2 Article 2: Cultural and Social

1. Brief summary of the article
2. Authors Thesis:
3. To what extent are the authors claims valid?
4. What is one weakness with the author's claim?
5. Copy and paste 2 direct quotes that best represent this article
6. Evaluate the article's effectiveness. Is it convincing?
7. Do you agree with the author?
8. Create an MLA works cited entry for each article