The Strategic Impact of Generative AI on Privacy and Trust in the Public Sector

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1. Introduction

This research explores the potential impact of generative AI on privacy and trust in the public sector. We examine the key features of generative AI technologies and their implications for information privacy. The research also analyses current regulatory frameworks and their ability to address privacy and trust challenges.

2. Literature Review

- Limited Adoption: Generative AI use in the public sector is currently limited.
- Opportunities and Challenges: Generative AI offers potential for efficiency and innovation, but also presents privacy and trust risks.
- Privacy & Trust: Key concerns include data security, algorithmic bias, and potential for misuse.
- Ethical Considerations: Transparency and accountability are crucial for responsible deployment.
- Legal Considerations: Existing frameworks may not adequately address generative AI's unique challenges.
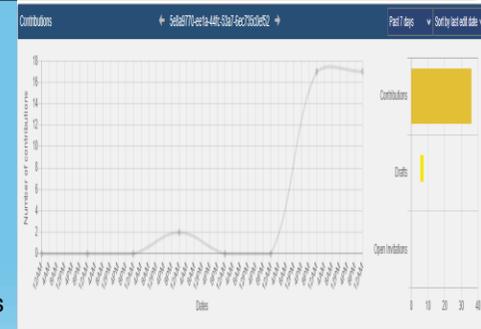
3. Research questions.

- Q1: What are the key features of generative AI technologies that pose potential risks and benefits to privacy and trust in the public sector?
- Q2: What are the strategic implications of generative AI on information privacy within public sector organizations?
- Q3: How do current regulatory frameworks address the challenges posed by generative AI to privacy and trust in the public sector?
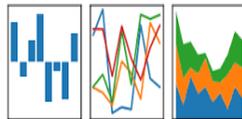
4. Methodology

- Surveys
- Interviews

Analysis tools

- Python's Analysis & Visualization Tools e.g pandas & matplotlib
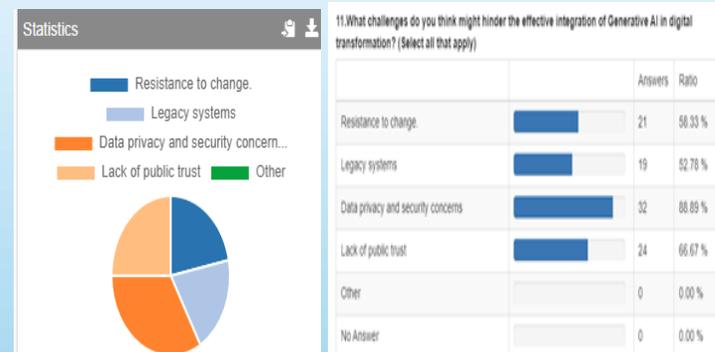

5. Next steps

- Currently distributing survey questionnaire.
- Collate survey responses.
- Analyse collated data.
- Produce visualisations of analysed data

References

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