Key Considerations in Using GenAl for Text Summarisation¹⁻⁴

<u>Efficiency</u>

- **Time-Saving**: Quickly extract key information from lengthy documents.
- Improved Productivity: Focus on essential details and enhance efficiency.
- Enhanced Comprehension: Grasp complex topics more easily.

Critical Considerations in Outputs/Responses

- Loss of Context: Summaries may omit nuanced details, potentially leading to a loss of context.
- Biased Summaries: AI may inadvertently introduce bias based on its training data.
- **Inaccuracy**: Summaries may not always be completely accurate or comprehensive.

Optimizing Usage

- Verify Information: Always verify critical information from the original document.
- **Contextual Understanding**: Ensure summaries capture the essence of the original document.
- Output Quality: Assess the quality of summaries to ensure they meet your needs.

Advanced Features

- **Multilingual Support**: Check if the program supports summarization in multiple languages.
- URL Support: Determine if the tool can identify and access weblinks within the document.
- **Customization Options**: Evaluate if the tool allows for customization of summaries.

Data Interpretation

- **Trainability**: Consider the ability to train the AI to improve summarization accuracy over time.
- Volume & Discernability: Ensure the tool can handle large volumes of data and discern key info.
- **Data Format Options**: Verify that the tool supports various data formats to accommodate different types of documents.

Practical Considerations

- **Co-integration**: Determine if the tool integrates with other platforms for seamless workflow.
- Licensing: Consider the licensing model of the tool, including restrictions on usage & distribution.
- **Customer Support**: Assess the availability and quality of customer support provided by the tool.

Legal

- **Privacy & Security**: Ensure the tool protects sensitive info & complies with privacy regulations.
- **Copyright & Intellectual Property**: Be aware of legal implications with copyright infringement.
- Attribution: Cite & reference the AI tool when used & where necessary.

Modified from 1. Allahyari, Mehdi & Pouriyeh, Seyedamin & Assefi, Mehdi & Safaei, Saeid & Trippe, Elizabeth & Gutiérrez, Juan & Kochut, Krys. (2017). Text Summarization Techniques: A Brief Survey. International Journal of Advanced Computer Science and Applications (IJACSA). 8. 397-405. 10.14569/IJACSA.2017.081052, 2. Das, Dipanjan & Martins, André. (2007). A survey on automatic text summarization, 3. Lu, Sidi & Zhu, Yaoming & Zhang, Weinan & Wang, Jun & Yu, Yong. (2018). Neural Text Generation: Past, Present and Beyond, and 4. Shi, Tian et al. "Neural Abstractive Text Summarization with Sequence-to-Sequence Models." ACM Transactions on Data Science 2 (2018): 1 - 37.