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# GIST

Less is more.

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WHY GIST?

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Have you ever felt frustrated while going through online articles that failed to get to the point without taking up an excess of your time?

Tired of spending your valuable time reading invaluable information?

Gist is the one stop solution for saving your precious time and enjoy reading lengthy news articles

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**WHAT IS GIST?**

# What is GIST?

It is an open-source online summarizer which provides an essence of news articles.

Our API provides crisp and clear news summaries out of boring lengthy articles.

GIST can be applied to online articles, photos of news snippets and even by merely sharing a link of the desired article.

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Leveraging the  
power of open  
source

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By making **GIST** an open source project, the scope for opportunities are endless.

Being **open source**, relevant changes can be made to the source code for improving the algorithm and providing accurate results.

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HOW GIST?



# How GIST?

- Python
- Flask framework
- spaCy library
- NLP
- Hugging face transformers
- Pre trained models

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# UPDATES

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Implemented summarizer :

- DistilBart model

Title generator completed :

- SentencePiece model
  - Unigram language model
  - BPE model

Rouge Score calculation :

- F1 Score of 74%
- Recall of 71%
- Precision of 78.5%

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**FUTURE SCOPE**

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**Presented by Team Pogverse**