HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
kan_Knda.jsonl.tsv	9/18/2024	Kannada (kn)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
1,335,847	24,929,282	12,772,248 (51.23 %)	653M	10.46 GB	4,274,156,104

Top 10 domains

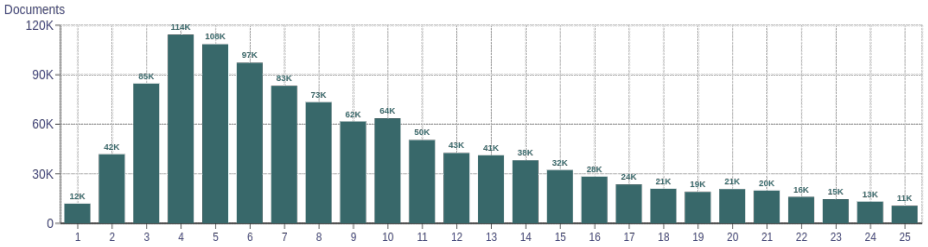
Domain	Docs	% of total
prajavani.net	79K	5.92
udayavani.com	52K	3.90
wikipedia.org	52K	3.90
news18.com	47K	3.52
blogspot.com	45K	3.37
filmibeat.com	42K	3.13
oneindia.com	39K	2.92
asianetnews.com	33K	2.45
indiatimes.com	31K	2.29
gulfkannadiga.com	24K	1.78

Top 10 TLDs

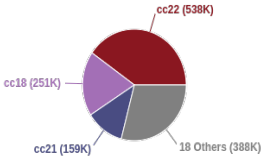
Domain	Docs	% of total
com	905K	67.75
in	165K	12.33
net	116K	8.70
org	90K	6.75
news	24K	1.78
co.in	3.4K	0.25
live	3.4K	0.25
gov.in	3.1K	0.23
today	2.2K	0.17
online	2K	0.15

Documents size (in segments)

<= 25 segments **84.75%** (1.1M documents)
> 25 segments **15.25%** (204K documents)

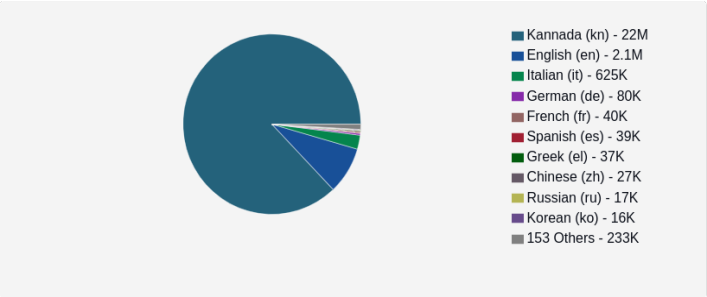


Documents by collection

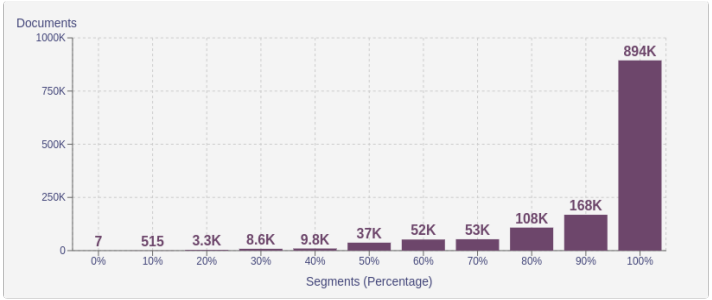


Language Distribution

Number of segments

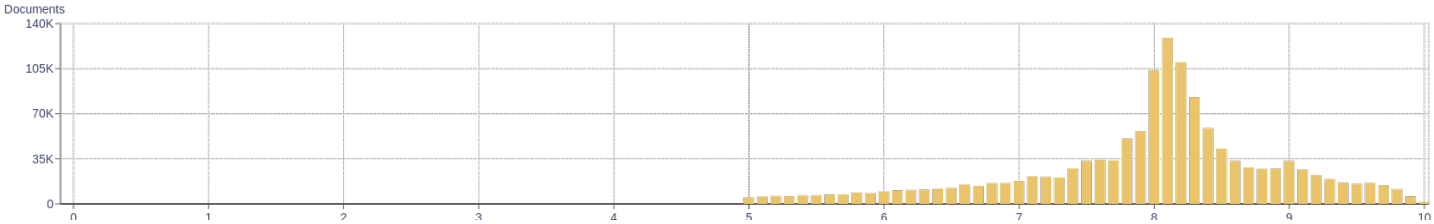


Percentage of segments in Kannada (kn) inside documents



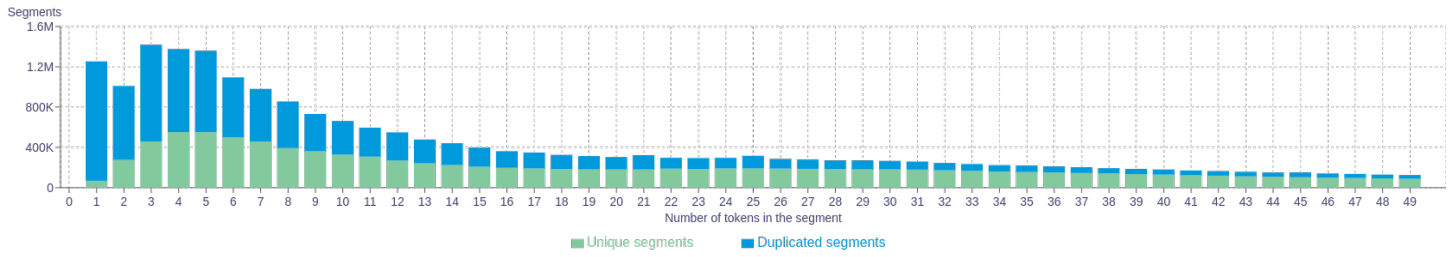
Distribution of documents by document score

score <= 5 - **99.89%** (1.3M documents)
score > 5 - **0.11%** (1.4K documents)

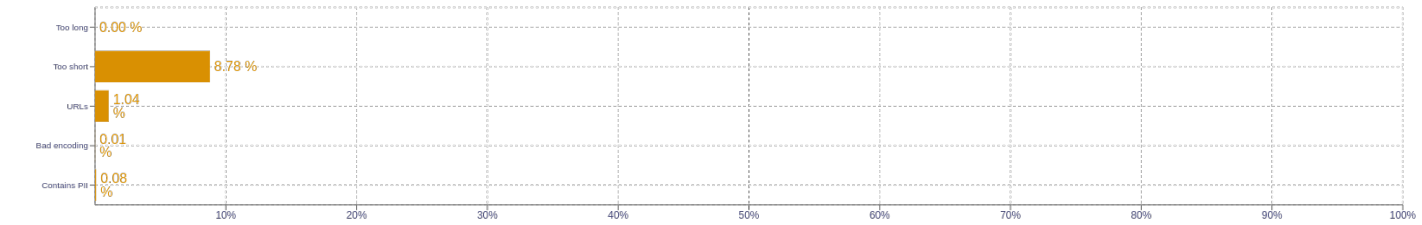


Segment length distribution by token

<= 49 tokens = **10M** segments | **11M** duplicates
> 50 tokens = **3.7M** segments | **1.4M** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	ನಮ್ಮ | 1068630 · ನಿಮ್ಮ | 1018629 · ನೀವು | 922077 · ನಾನು | 912901 · ಸನ್ನ | 878025
2	ಇದಕ್ಕೂ ಒದಿ | 89081 · of the | 78259 · ಕೋಟಿ ರೂ | 64493 · ನರೇಂದ್ರ ಮೋದಿ | 59053 · pm ist | 52952
3	lua error in | 33784 · ಪ್ರಧಾನಿ ನರೇಂದ್ರ ಮೋದಿ | 33331 · from the original | 32458 · archived from the | 32371 · error in ಮಾಡ್ಯೂಲ್ | 31277
4	archived from the original | 32364 · lua error in ಮಾಡ್ಯೂಲ್ | 31250 · from the original on | 30007 · to compare number with | 29362 · compare number with nil | 29362
5	archived from the original on | 29966 · to compare number with nil | 29362 · attempt to compare number with | 29362 · ಸುದ್ದಿಗಳಿಗಾಗಿ ಪ್ರಜಾವಾಣಿ ಆ್ಯಪ್ ಡೌನ್ಲೋಡ್ ಮಾಡಿಕೊಳ್ಳಿ | 24587 · ತಾಜಾ ಸುದ್ದಿಗಳಿಗಾಗಿ ಪ್ರಜಾವಾಣಿ ಆ್ಯಪ್ ಡೌನ್ಲೋಡ್ | 24587

About HPLT Analytics

Volumes - Segments

Segments correspond to paragraph and list boundaries as defined by HTML elements (<p>, <ul>, <ol>, etc.) replaced by newlines.

Volumes - Tokens

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

Type-Token Ratio

Lexical variety computed as *number or types (uniques)/number of tokens*, after removing punctuation (https://www.sltinfo.com/wp-content/uploads/2014/01/type-token-ratio.pdf).

Document size (in segments)

Segments correspond to paragraph and list boundaries as defined by HTML elements (<p>, <ul>, <ol>, etc.) replaced by newlines.

Language distribution

Language identified with FastSpell (https://github.com/mbanon/fastspell).

Distribution of segments by fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by average fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

Distribution of documents by document score

Obtained with Web Docs Scorer (https://github.com/pablop16n/web-docs-scorer/).

Segment length distribution by token

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

Segment noise distribution

Obtained with Bicleaner Hardrules (https://github.com/bitextor/bicleaner-hardrules/).

Frequent n-grams

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md, after removing n-grams starting or ending in a stopword. Stopwords from https://github.com/hplt-project/data-analytics-tool/blob/main/scripts/resources/README.txt