HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
HPLT-docslite.bn.tsv	6/8/2024	Bangla (bn)

Volumes

Docs	Segments	Unique segments	Tokens	Size
2,875,658	330,215,118	79,924 (0.02 %)	3.2B	40.7 GB

Type-Token Ratio

Bangla (bn)

Top 10 domains

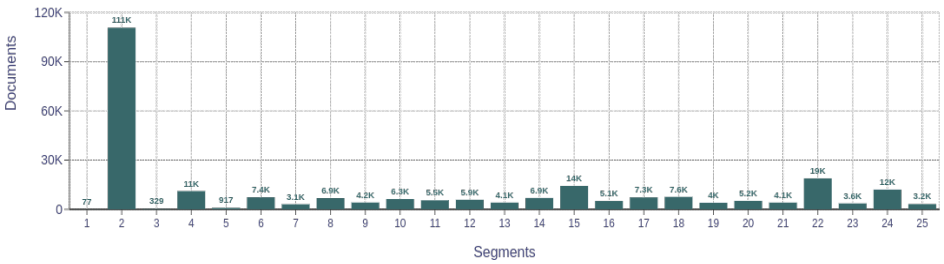
Domain	Docs	% of total
chanood.com	30K	1.03
fanpop.com	22K	0.76
anandabazar.com	19K	0.66
blogspot.in	17K	0.58
blogspot.com	16K	0.55
wikipedia.org	15K	0.53
newspapers71.com	15K	0.52
sangbadpratidin.in	14K	0.50
bn-takedrivers.com	13K	0.47
bdnews24.com	12K	0.42

Top 10 TLDs

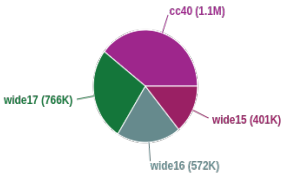
Domain	Docs	% of total
com	2.4M	83.06
net	95K	3.29
in	80K	2.77
org	76K	2.64
com.bd	49K	1.69
tv	23K	0.80
news	19K	0.64
info	11K	0.39
xyz	9.5K	0.33
top	8.9K	0.31

Documents size (in segments)

<= 25 segments **9%** (259K documents)
> 25 segments **91%** (2.6M documents)

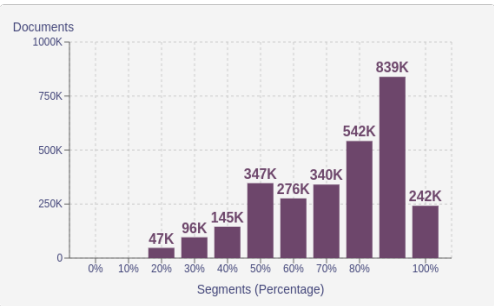


Documents by collection

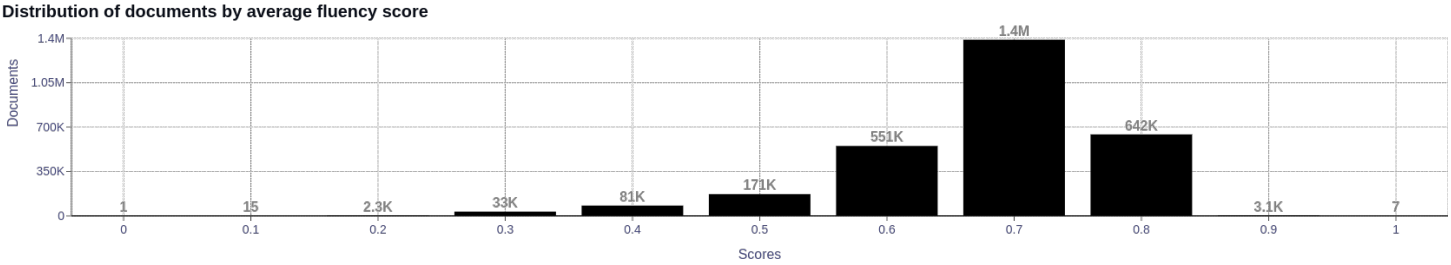


Language Distribution

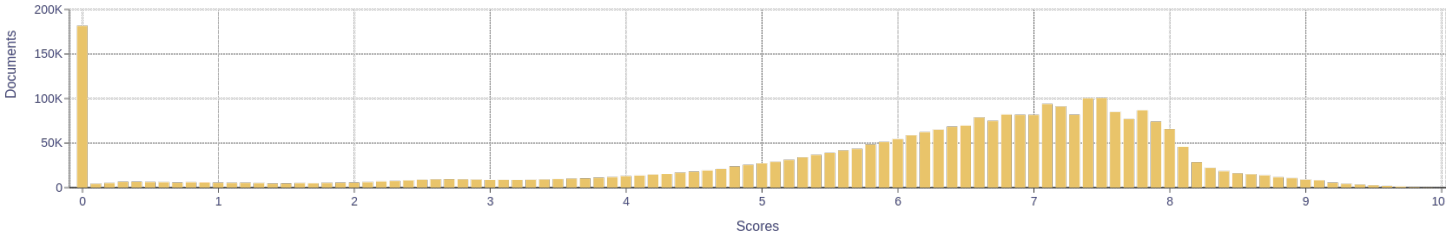
Percentage of segments in Bangla (bn) inside documents



Distribution of documents by average fluency score

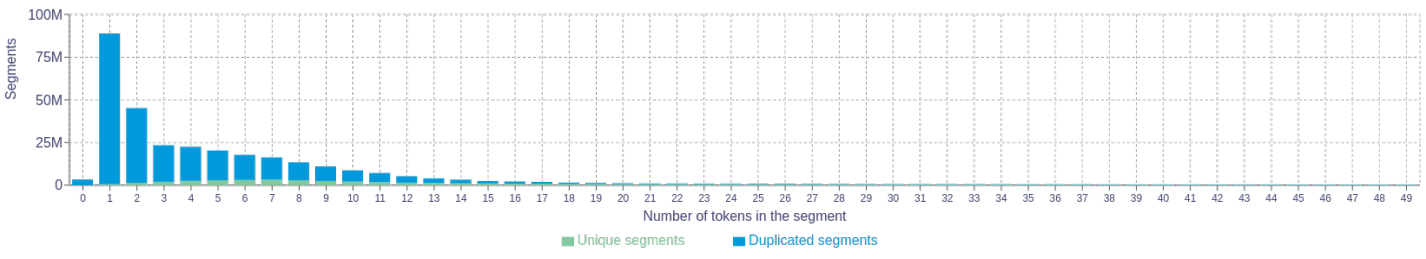


Distribution of documents by document score



Segment length distribution by token

<= 49 tokens = **45M** segments | **273M** duplicates
> 50 tokens = **12M** segments | **3.3M** duplicates



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