HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Analytics date	Language
lug_Latn.jsonl.tsv	9/19/2024	Ganda (lg)

Volumes

Docs	Segments	Unique segments	Tokens	Size	Characters
21,276	407,541	240,013 (58.89 %)	12M	65.91 MB	67,578,510

Top 10 domains

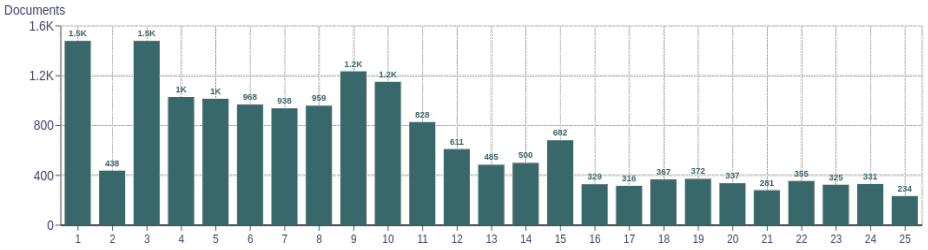
Domain	Docs	% of total
bukedde.co.ug	4.2K	19.81
bible.is	2.2K	10.37
dembefm.ug	1.9K	9.01
wordplanet.org	1.9K	8.72
wordproject.org	1.5K	7.13
jw.org	1.4K	6.71
radiosimba.ug	1.1K	5.17
cbsfm.ug	973	4.57
nbs.ug	576	2.71
wikipedia.org	394	1.85

Top 10 TLDs

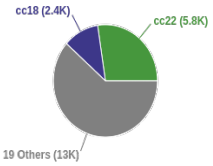
Domain	Docs	% of total
org	5.6K	26.53
co.ug	5.6K	26.34
ug	4.7K	22.05
com	2.7K	12.75
is	2.2K	10.37
net	165	0.78
info	36	0.17
eu	31	0.15
or.ug	22	0.10
ca	15	0.07

Documents size (in segments)

<= 25 segments **80.11%** (17K documents)
> 25 segments **19.89%** (4.2K documents)

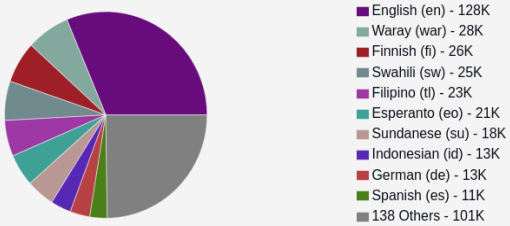


Documents by collection



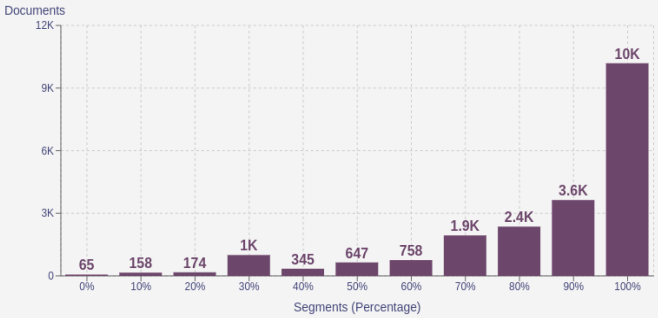
Language Distribution

Number of segments



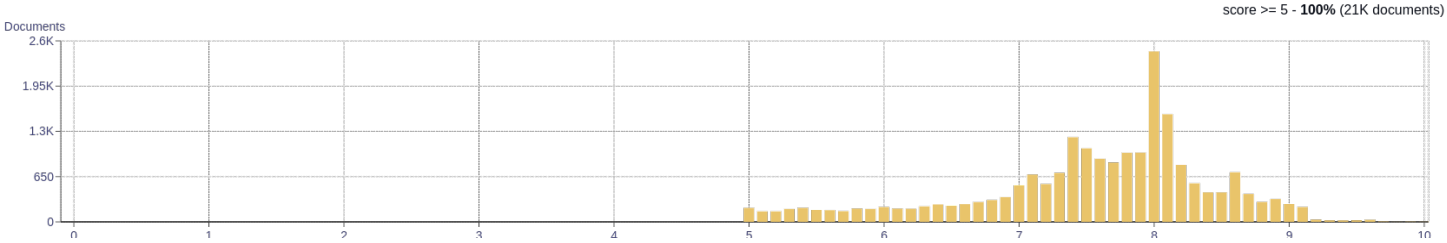
*Ganda (lg) identification might be inaccurate because language is not supported by Fasttext

Percentage of segments in Ganda (lg) inside documents



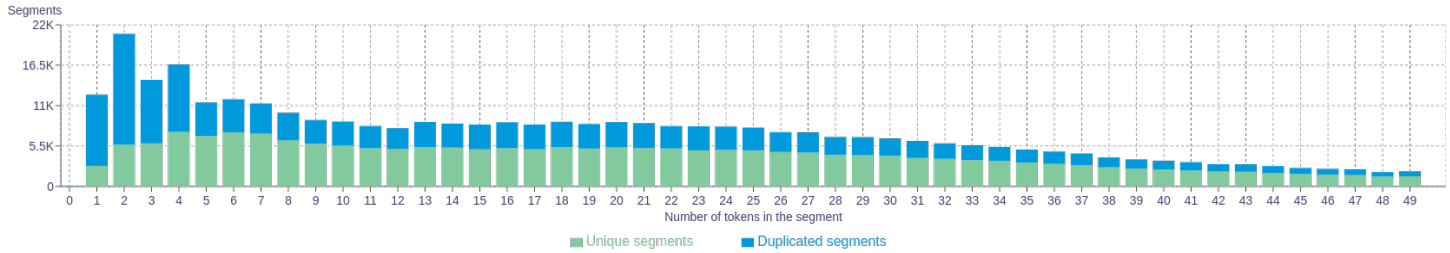
Distribution of documents by document score

score < 5 - **0%** (0 documents)
score >= 5 - **100%** (21K documents)

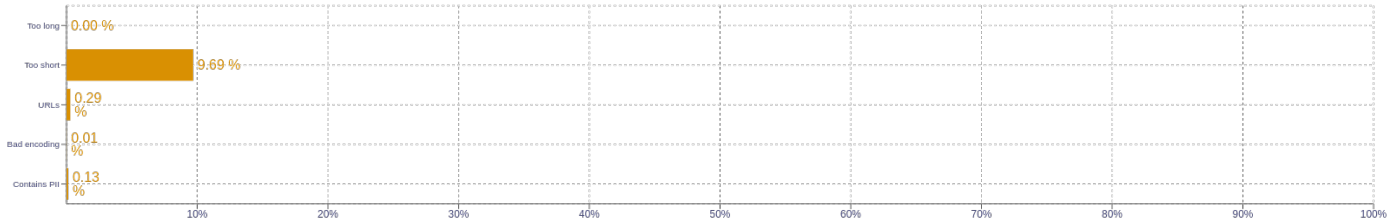


Segment length distribution by token

<= 49 tokens = **207K** segments | **153K** duplicates
> 50 tokens = **48K** segments | **15K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	n | 268953 · ng | 57960 · omu | 50175 · abantu | 38919 · bw | 36845
2	mukama katonda | 4401 · wamu n | 3041 · yesu kristo | 2983 · mukama n | 2680 · mukama waffe | 2457
3	abaana ba isiraeri | 1757 · maaso ga mukama | 1352 · mukama katonda wo | 1065 · ekigambo kya mukama | 823 · mukama waffe yesu | 679
4	bye bye bye bye | 520 · empapula eziriko enyunzi ezigguka | 449 · mukama waffe yesu kristo | 434 · enyunzi ezigguka ku luno | 391 · endagaano enkadde n’endagaano empya | 389
5	bye bye bye bye bye | 490 · eziriko enyunzi ezigguka ku luno | 391 · do you have a story | 254 · your community or an opinion | 253 · you have a story in | 253

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