# HPLT Analytics report

HPLTAnalytics

## General overview

| Corpus | Analytics date | Language |
|---|---|---|
| sw_1.jsonl.tsv | 3/20/2024 | Swahili (sw) |

## Volumes

| Docs | Segments | Unique segments | Tokens | Size |
|---|---|---|---|---|
| 698,565 | 76,253,152 | 41,094 (0.05 %) | 862M | 4.09 GB |

## Type-Token Ratio

| Swahili (sw) |
|---|
| 0.01 |

## Top 10 domains

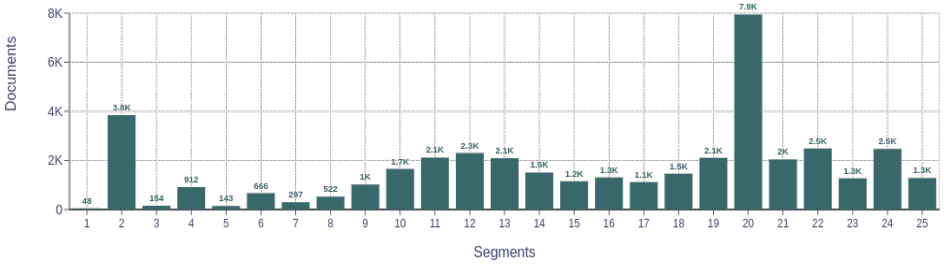
| Domain | Docs | % of total |
|---|---|---|
| diebuchsuche.com | 407K | 58.24 |
| fanpop.com | 18K | 2.56 |
| freelancer.co.ke | 16K | 2.28 |
| tuko.co.ke | 9.7K | 1.39 |
| blogspot.com | 8.9K | 1.27 |
| mwanahalisionline.com | 6.9K | 0.99 |
| airbnb.com | 6.2K | 0.89 |
| blogspot.co.uk | 5.5K | 0.79 |
| w3eacademy.com | 5K | 0.72 |
| teknokona.com | 4.6K | 0.66 |

## Top 10 TLDs

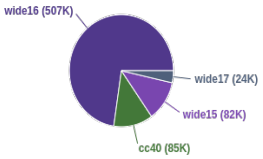
| Domain | Docs | % of total |
|---|---|---|
| com | 539K | 77.18 |
| co.ke | 33K | 4.77 |
| co.tz | 31K | 4.49 |
| org | 19K | 2.74 |
| go.tz | 9.3K | 1.33 |
| co.uk | 5.5K | 0.79 |
| fr | 4.7K | 0.68 |
| nl | 3.4K | 0.48 |
| se | 3.2K | 0.45 |
| no | 3.1K | 0.45 |

## Documents size (in segments)

**<= 25** segments **6%** (42K documents)
**> 25** segments **94%** (657K documents)

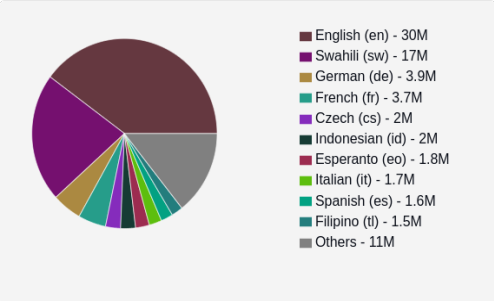



## Documents by collection

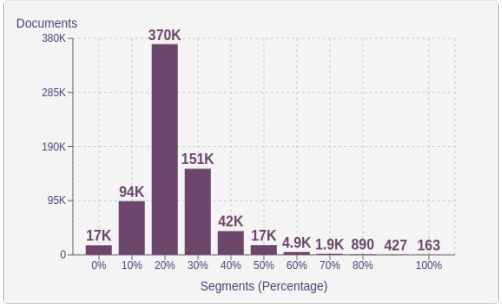



## Language Distribution

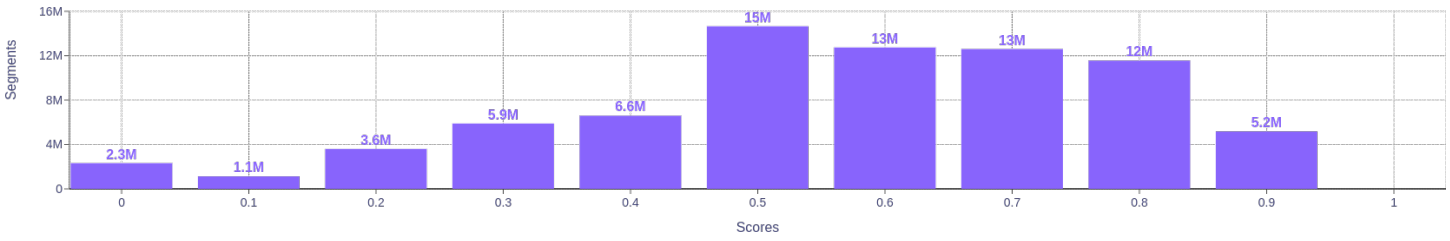
### Number of segments



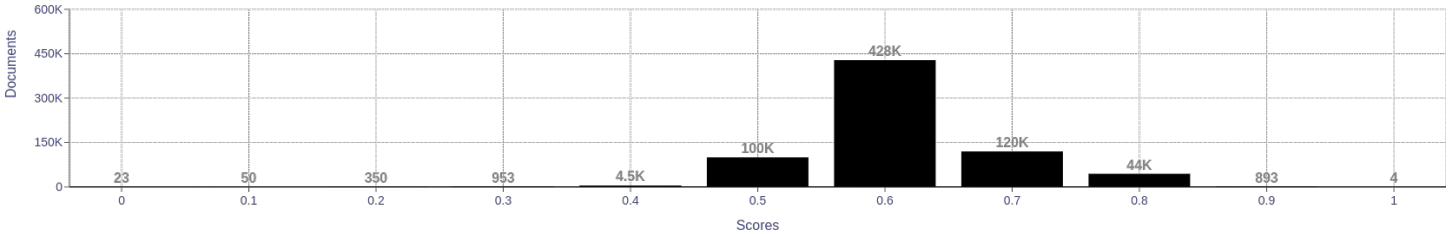

### Percentage of segments in Swahili (sw) inside documents



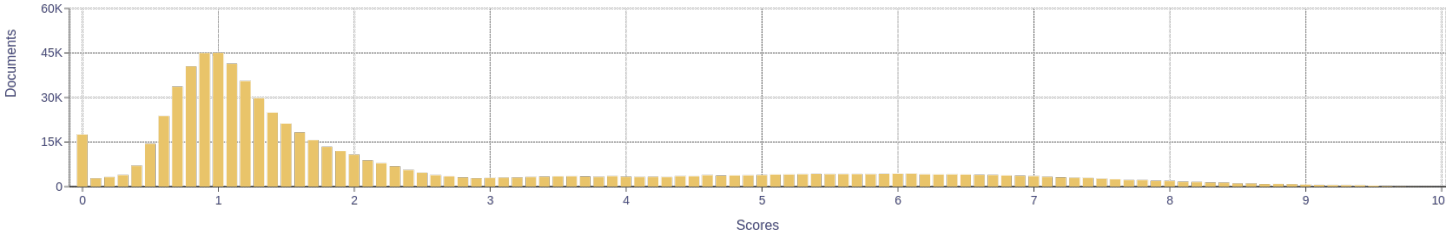

## Distribution of segments by fluency score




## Distribution of documents by average fluency score

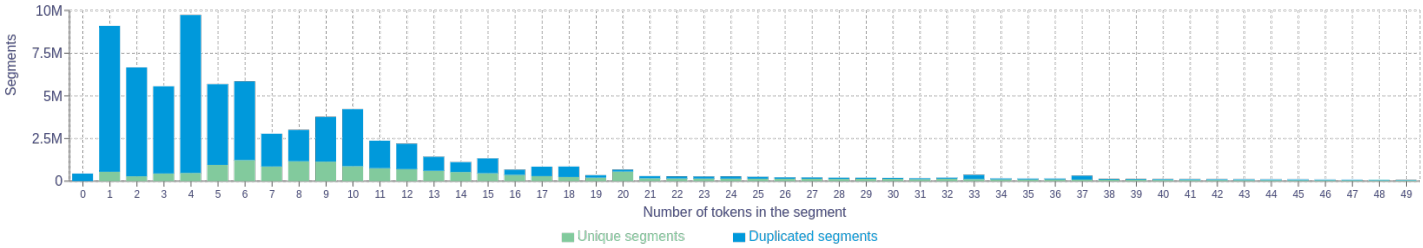



## Distribution of documents by document score

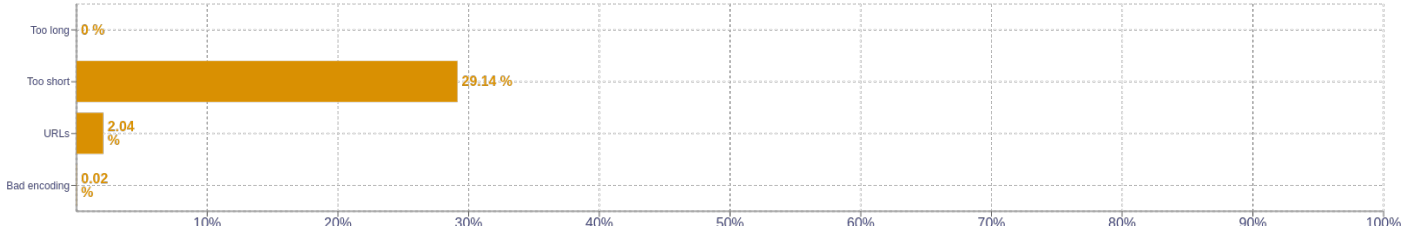


### Segment length distribution by token

**<= 49** tokens = **16M** segments | **58M** duplicates
**> 50** tokens = **2.2M** segments | **640K** duplicates




### Segment noise distribution




### Frequent n-grams

| Size | n-grams |
|---|---|
| 1 | the \| 8403881 · and \| 5541226 · of \| 5116153 · to \| 4386027 · kitabu \| 3900398 |
| 2 | kuweka mbadala \| 1333470 · hifadhi kitabu \| 1323536 · watch kitabu \| 1323535 · vitabu vyote \| 1140830 · of the \| 1036971 |
| 3 | ingizo la nyaraka \| 1177419 · lugha ya kiingereza \| 1087104 · mwaka mmoja uliopita \| 515763 · is licensed by \| 406869 · icons made by \| 406869 |
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## 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