HPLT Analytics report

HPLTAnalytics

General overview

Corpus	Date	Language
hau_Latn.jsonl.tsv	9/20/2024	Hausa (ha)

Volumes

Docs	Segments	Unique segments	Tokens	Characters	Size
315,870	5,688,420	3,787,469 (66.58 %)	180M	848,139,069	820.35 MB

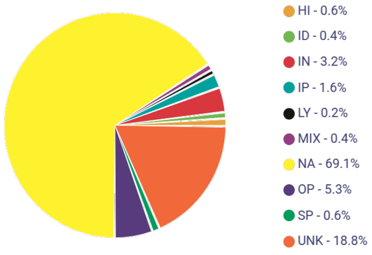
Top 10 domains

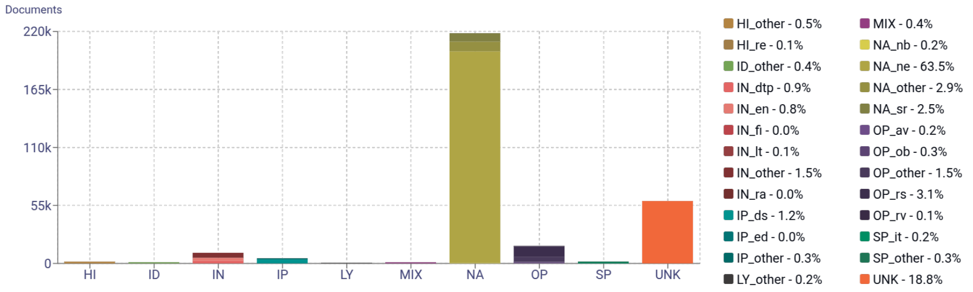
Domain	Docs	% of total
voahausa.com	48K	15.16%
legit.ng	33K	10.45%
leadership.ng	23K	7.27%
premiumtimesng.com	18K	5.74%
rfi.fr	8.5K	2.68%
bbc.com	8.4K	2.65%
cri.cn	6.4K	2.01%
dw.com	5K	1.60%
isyaku.com	4.5K	1.43%
wondershare.com	4.5K	1.43%

Top 10 TLDs

Domain	Docs	% of total
com	190K	60.15%
ng	61K	19.34%
com.ng	19K	6.14%
org	11K	3.46%
fr	9.3K	2.94%
cn	6.5K	2.07%
net	4K	1.26%
ir	3.6K	1.14%
zone	1.8K	0.56%
co.uk	1.3K	0.40%

Register labels

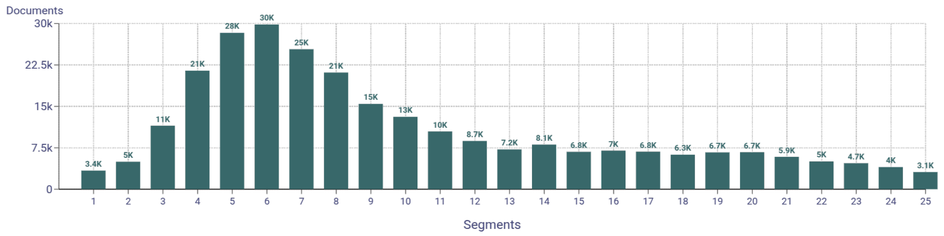




🤖 **MT**:16.3% | 52K Documents

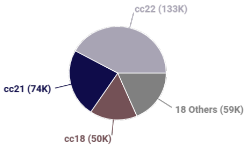
Documents size (in segments)

<= 25 segments **86.05%** (272K documents)
> 25 segments **13.95%** (44K documents)



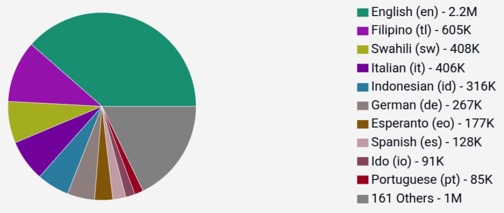
Documents by collection

CC = 90.27%
IA = 9.73%



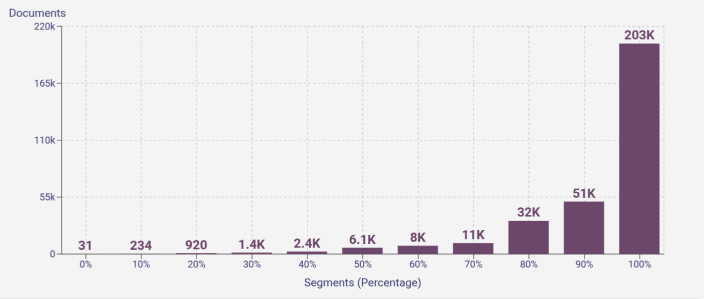
Language Distribution

Number of segments in the Hausa (ha) corpus



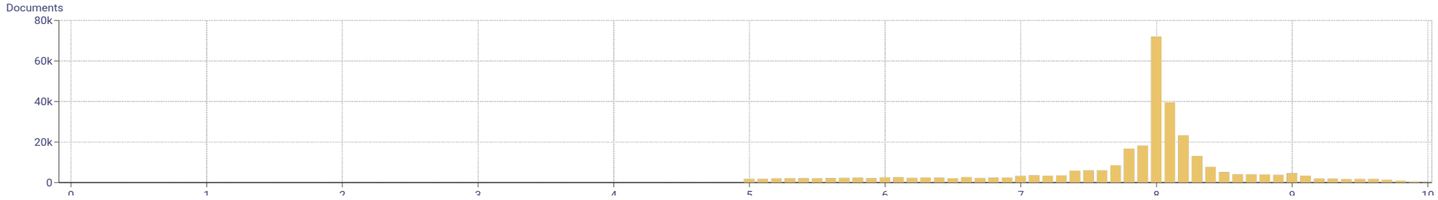
*Hausa (ha) identification might be inaccurate because it is not supported by FastSpell

Percentage of segments in Hausa (ha) inside documents



Distribution of documents by document score

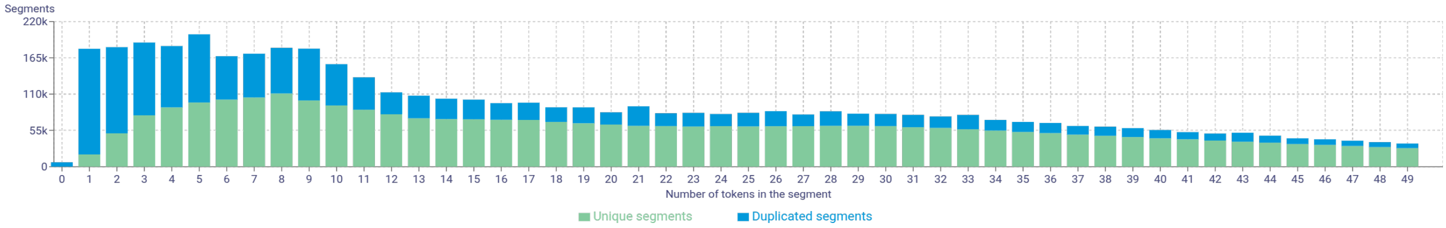
score < 5 - **0%** (0 documents)
score >= 5 - **100%** (316K documents)



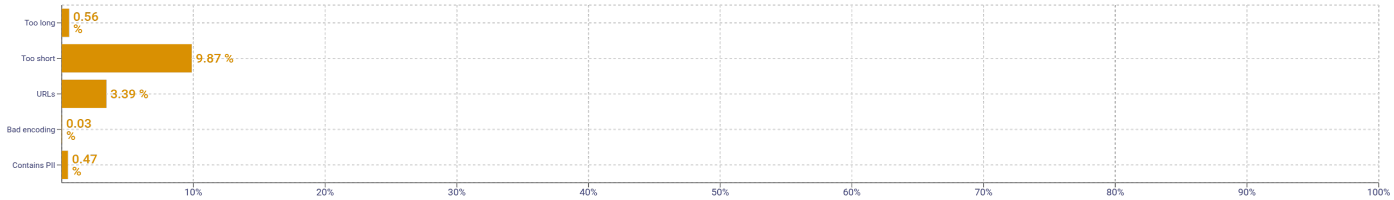
Segment length distribution by token

≤ **49** tokens = **3M** segments | **1.7M** duplicates

> **50** tokens = **987K** segments | **212K** duplicates



Segment noise distribution



Frequent n-grams

Size	n-grams
1	tare | 443713 haka | 427231 kasar | 414901 allah | 355204 jihar | 339309
2	ci gaba | 139703 shugaban kasa | 79477 boko haram | 41826 kayan aiki | 40359 gwamnan jihar | 39630
3	majalisar dinkin duniya | 17795 kasa da kasa | 15999 dandalin sada zumunta | 13811 kasa muhammadu buhari | 13176 shugaban kasa muhammadu | 13173
4	shugaban kasa muhammadu buhari | 12988 wayar ku ta hannu | 12395 shawara ko bukatar bamu | 11826 shafukanmu na dandalin sada | 11675 latsa wannan domin samun | 9175
5	shawara ko bukatar bamu labari | 11825 shafukanmu na dandalin sada zumunta | 11675 latsa wannan domin samun sabuwar | 8055 sabuwar manhajar labarai ta legit | 7418 ng a shafinka na facebook | 5274

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

Register labels

Name	Abbr.
Machine-translated	MT
Lyrical	LY
Spoken	SP
Interview	it
Interactive discussion	ID
Narrative	NA
News report	ne
Sports report	sr
Narrative blog	nb

Name	Abbr.
How-to or instructions	**HI**
Recipe	re
Informational persuasion	**IP**
Description with intent to sell	ds
News & opinion blog or editorial	ed
Informational description	**IN**
Enciclopedia article	en
Research article	ra

Name	Abbr.
Description of a thing or person	dtp
FAQ	fi
Legal terms & conditions	lt
Opinion	**OP**
Review	rv
Opinion blog	ob
Denominational religious blog or sermon	rs
Advice	av