

Statistics for whole Emoji dataset:

Top 20 in freq_words

```
{'user': 25106, 'love': 7771, 'california': 5797, 'new': 5100, 'amp': 4940, 'happy': 4646, 'day': 4312, 'beach': 3113, 'today': 3072, 'night': 2938, 'time': 2919, 'one': 2852, 'christmas': 2846, 'good': 2663, 'los': 2392, 'like': 2383, 'san': 2350, 'park': 2312, 'ca': 2293, 'angeles': 2288}
```

Top 20 least common words in freq_words

```
[('unday', 1), ('belch', 1), ('happybirthdaybubb', 1), ('flipnout', 1), ('obsessedwithmydog', 1), ('tinyepic', 1), ('tinyepicwestern', 1), ('calebrancourt', 1), ('parrisproject', 1), ('sundaymarket', 1), ('roadraceengineering', 1), ('crstylestravel', 1), ('notcaturday', 1), ('sausageparty', 1), ('happygayunclesday', 1), ('happygunclesday', 1), ('mauricethewhale', 1), ('colorsworldwide', 1), ('rnbonly', 1), ('powerrangerszeo', 1)]
```

The number of characters: 7237437

The number of tokens is: 1493251

The number of sentences is: 52054

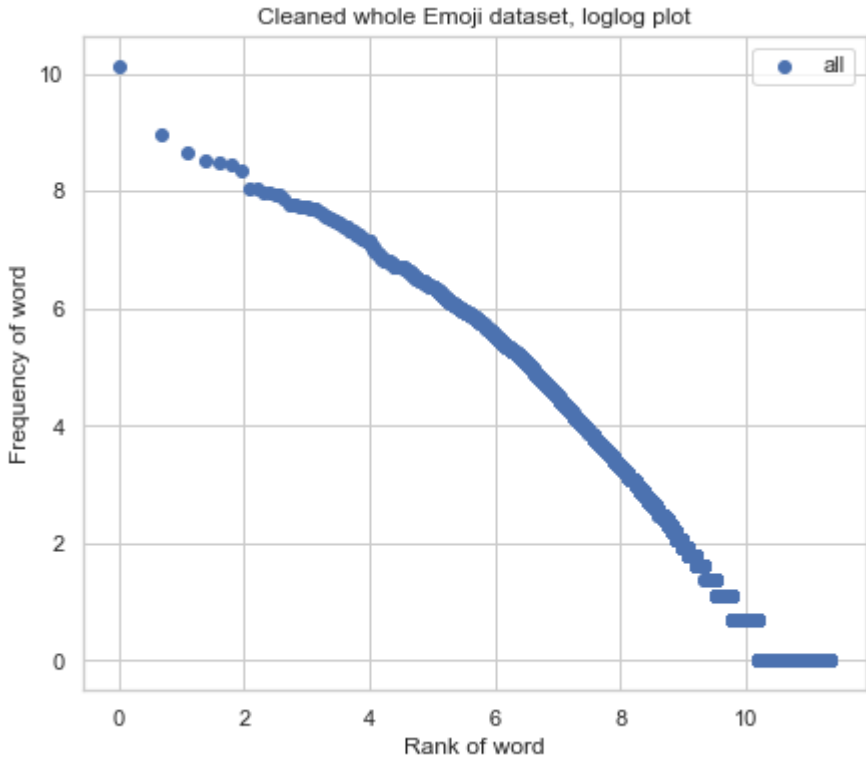
The average number of tokens per sentence is: 20

The number of unique tokens are: 83462

The tokens ratio is: 0.056

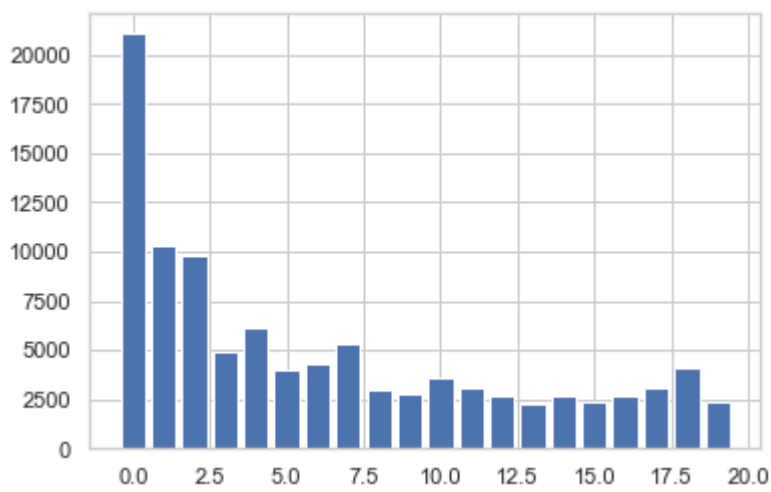
The number of total tokens after removing stopwords are: 694344

Zipf's law, LogLog Plot



Distribution of true labels:

Plot of labels distribution:



	Label no.	Emoji	Emoji as txt	Count	Percentage
0	0	❤️	_red_heart_	21057	21.06
1	1	😍	_smiling_face_with_hearteyes_	10252	10.25
2	2	😂	_face_with_tears_of_joy_	9750	9.75
3	3	💕	_two_hearts_	4956	4.96
4	4	🔥	_fire_	6105	6.11
5	5	😊	_smiling_face_with_smiling_eyes_	3983	3.98
6	6	😎	_smiling_face_with_sunglasses_	4278	4.28
7	7	✨	_sparkles_	5293	5.29
8	8	💙	_blue_heart_	3013	3.01
9	9	😘	_face_blowing_a_kiss_	2737	2.74
10	10	📷	_camera_	3573	3.57
11	11	🇺🇸	_United_States_	3038	3.04
12	12	☀️	_sun_	2639	2.64
13	13	💜	_purple_heart_	2247	2.25
14	14	😉	_winking_face_	2659	2.66
15	15	💯	_hundred_points_	2326	2.33
16	16	😄	_beaming_face_with_smiling_eyes_	2640	2.64
17	17	🎄	_Christmas_tree_	3063	3.06
18	18	📸	_camera_with_flash_	4056	4.06
19	19	😜	_winking_face_with_tongue_	2332	2.33