

Data Visualization: Assignment 4

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Design

Subreddit Analyzer

Analysis of subreddits on reddit. Data used in the analyzer was scrapped by us, using our own scrapper, it is updated periodically, we try to add the data constantly, but as for now, only a portion of picked subreddits are available. The analyzer show plenty of interesting graphs, most of them are interactive. For example it graphs a map, which shows popularity of picked subreddits in certain countries, and by clicking on a country the user can check the most popular subreddits in a certain country. (We checked that using a bit of magic). The dashboard futures also a wordmap creator, histograms, scatter plots, conversation meters (with our own distinct metric). Almost everything is interactive.

Tasks solved using the dashboard

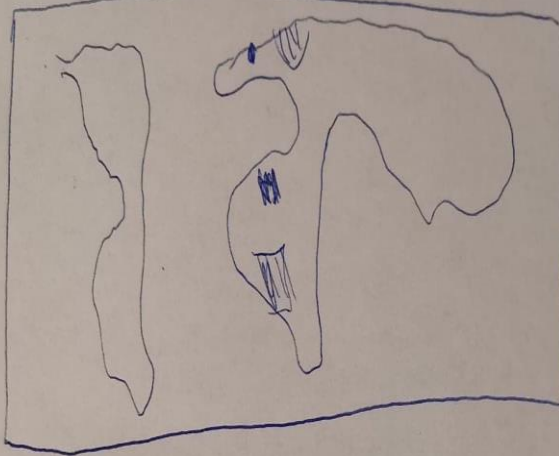
1. Dashboard introduces the user to a subreddit, showing most important information about certain subreddit.
2. The dashboard can be used for sentiment analysis, social analysis and more. One can check what is popular in certain country, or vice-versa which countries visit certain subreddit.
3. Project gathers data about subreddits and it's users, then it visualizes it.

Sketches

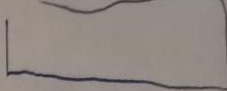
☐ Relict chert

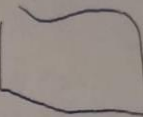
☐ Current Subsoil Subsoil May also

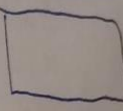
Subsoil Pkg in center



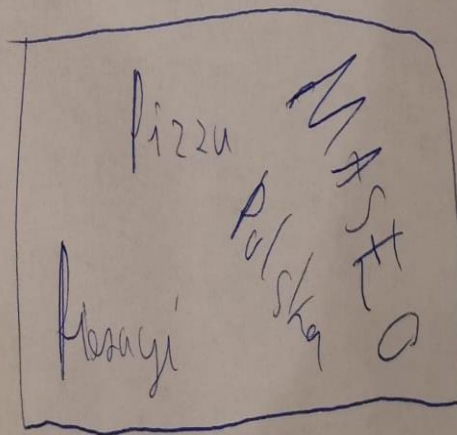
Most Pkg's Subsoil in Pk

ash 

pluv 

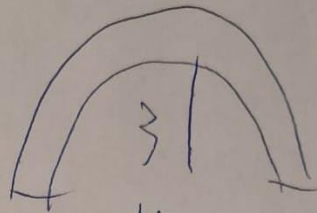
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Wood Clank





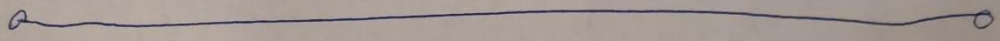
Grade



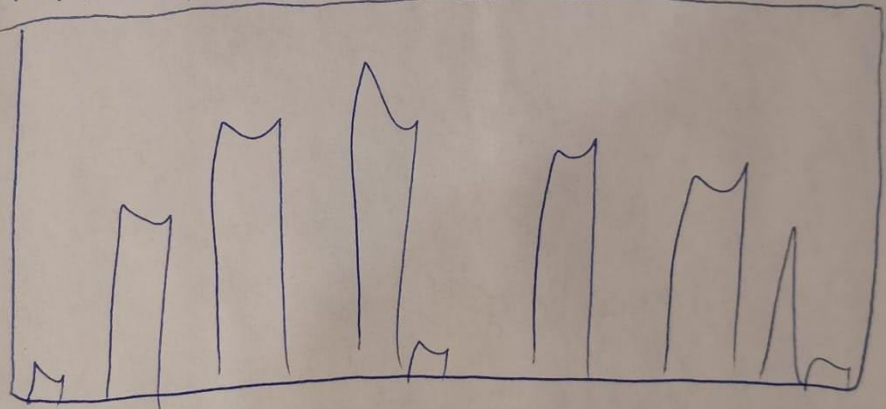
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lifetime at h.



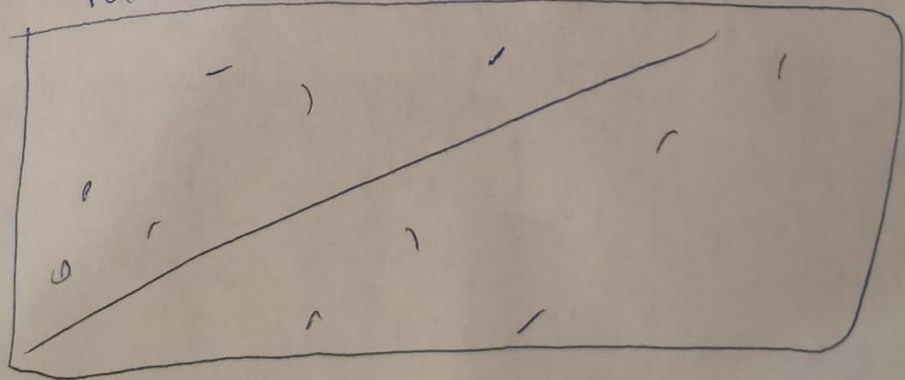
Peak in line at 0

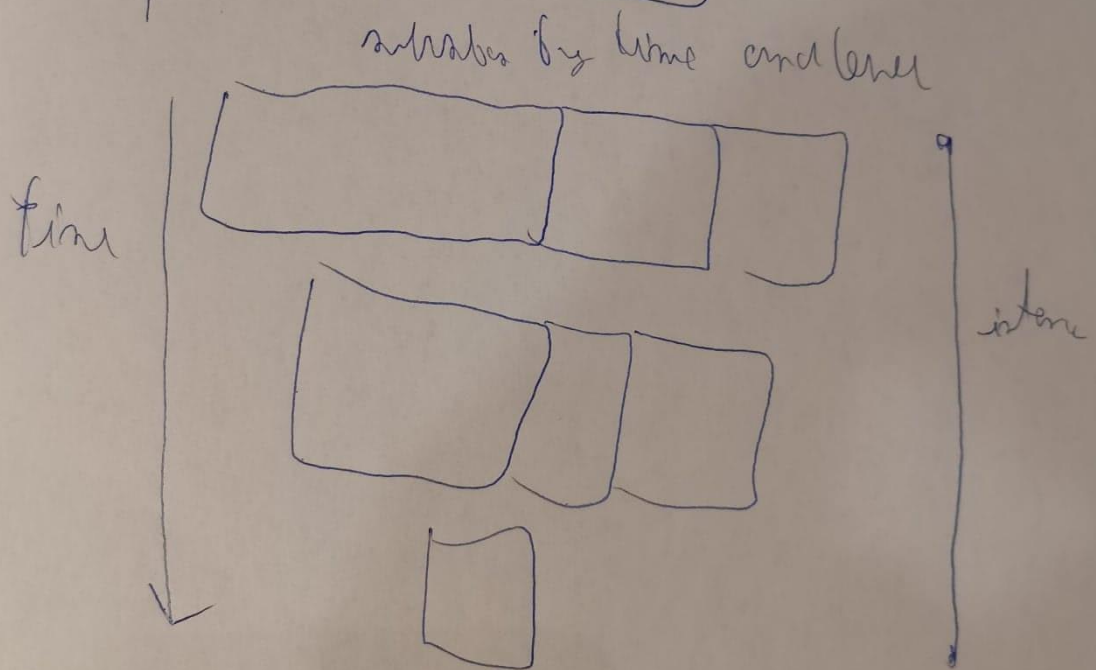
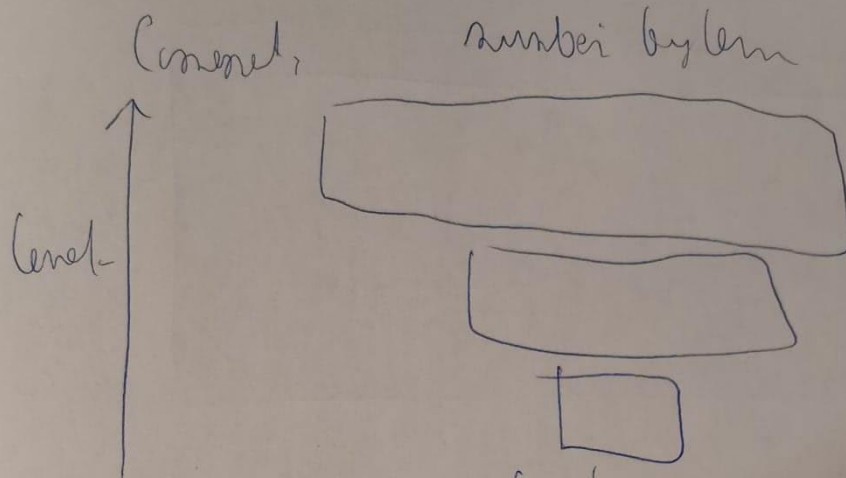


1 peak

12

24





TESLA
ROADSTER
GREEN

Net pop pol

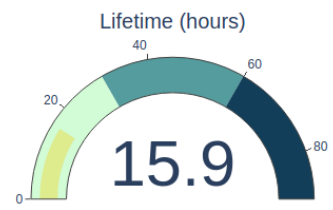
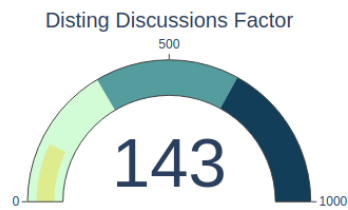
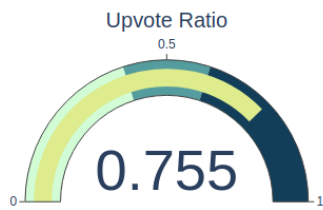
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https://github.com/FirstGalacticEmpire/reddit_dashboard

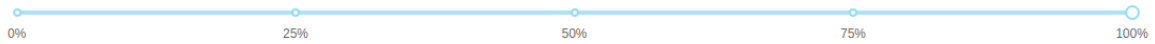
Screenshots:



Most important Factors

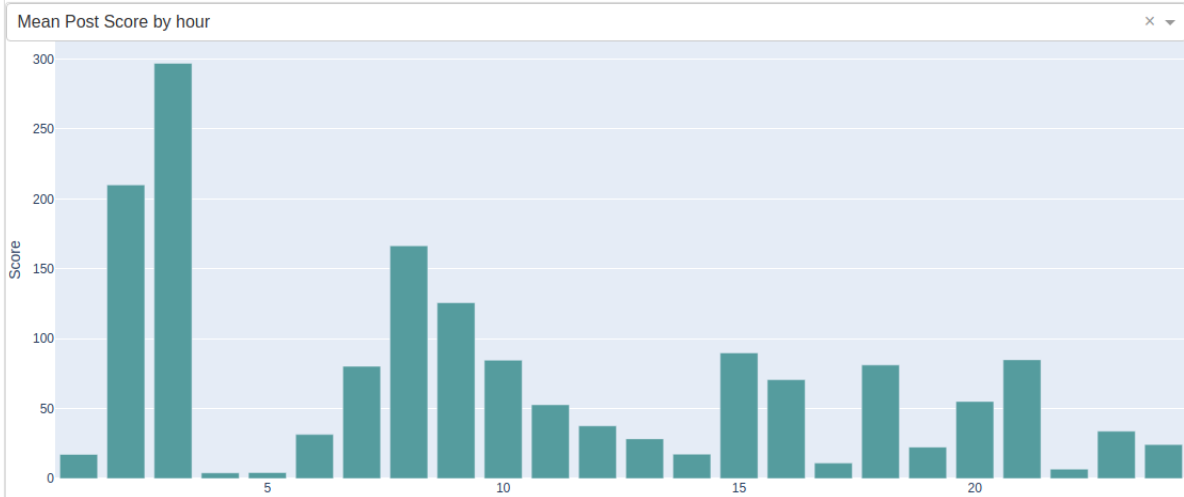


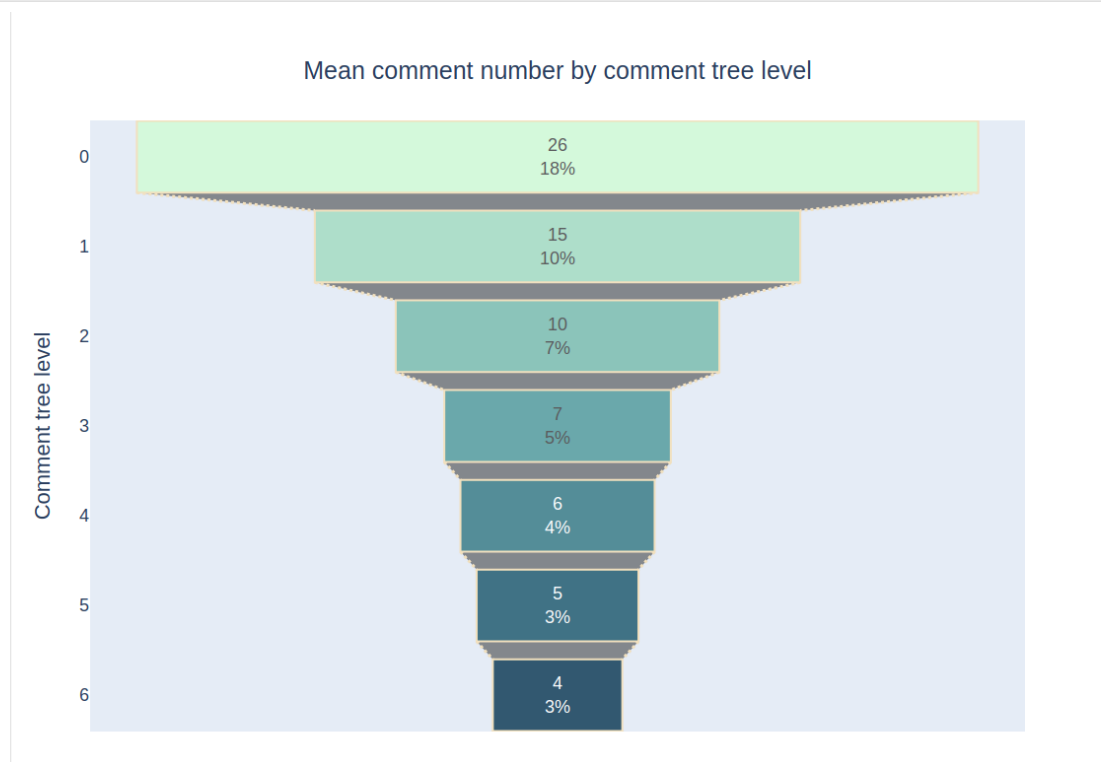
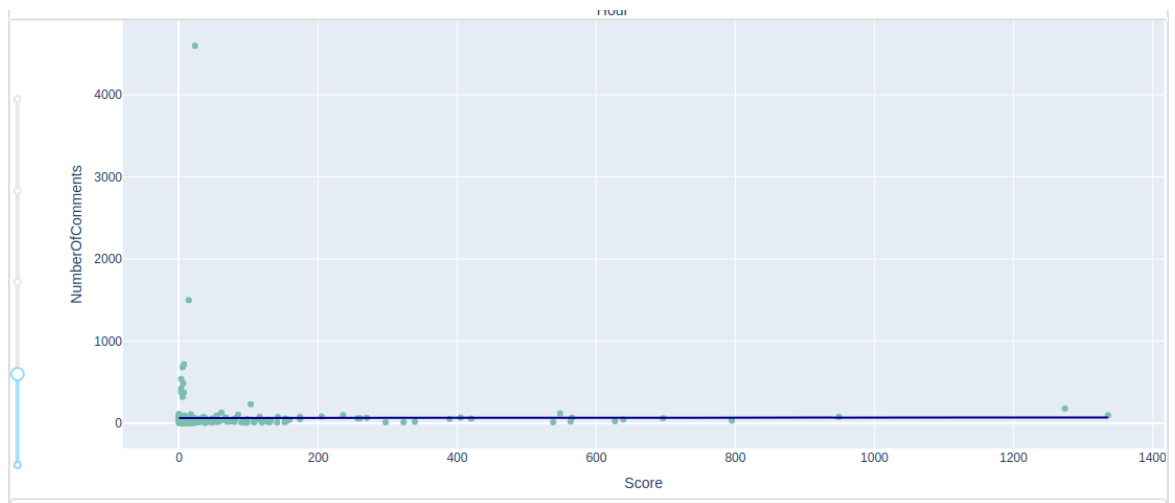
How many % of latest points would you like to check?

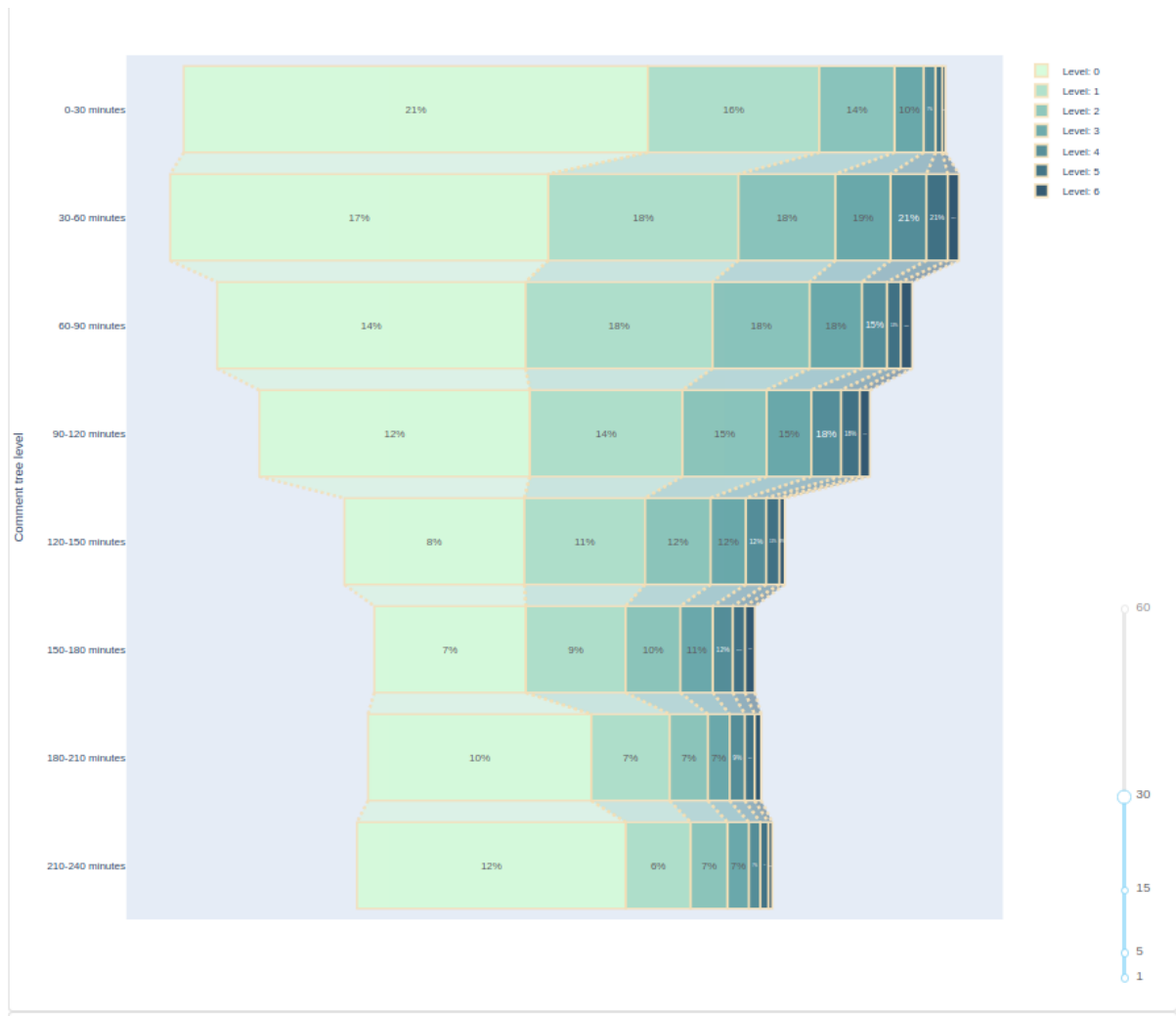


Posts' Score factors:

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Most popular posts

Score	Number Of Comments	Title Length	Post Length	Upvote ratio
1336	95	71	unknown	0.99
1274	177	104	unknown	0.97
949	76	91	unknown	0.98
795	29	20	unknown	0.99
696	59	89	unknown	0.98
639	43	28	unknown	0.97
627	23	22	unknown	0.99
565	64	37	unknown	0.99
563	20	82	unknown	0.98
548	117	42	unknown	0.96
538	10	129	unknown	0.98
420	54	182	unknown	0.93
405	67	109	unknown	0.96
389	50	32	unknown	0.93
339	16	57	unknown	0.96
323	11	21	unknown	0.99
297	9	70	unknown	0.95

Github:

https://github.com/FirstGalacticEmpire/reddit_dashboard

Live demo:

<https://subreddit-dashboard.herokuapp.com/home>