



Project 1

First Deliverable

The Pitch

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2021 S1



(Google)



(Google)

General Topic:

What are the prevailing attributes of UFO ?

---Analysis of UFO based on descriptions of eyewitnesses

Purpose:

To analyse and identify the general pattern of the **time, durations, positions, shapes** of the emergence of UFO

Dataset

kaggle

Dataset

National UFO Reporting Data

Web Scrapped data from the National UFO Reporting Center

Conner Brew • updated 20 days ago (Version 1)

From Wikipedia, the free encyclopedia

The National UFO Reporting Center (NUFORC) is an organization in the United States that investigates [UFO](#) sightings and/or alien contacts.



A	B	C	E	
133846	7/15/1949 20:30	Booneville	MS	hours
133847	7/01/1949 16:00	Marion	AL	Under 1 minute
133848	7/01/1949 11:00	Fairbanks	AK	2 minutes
133849	6/30/49 23:00	the Americas (ne	WY	5 minutes
133850	6/30/49 21:00	Salem	OR	2300
133851	6/30/49 15:00	Knoxville	TN	~15 minutes
133852	6/30/49	Seattle	WA	
133853	6/10/1949 21:00	Anchorage	AK	3 minutes
133854	6/04/1949 10:00	Los Angeles	CT	10 minutes
133855	5/15/49 06:30	Grays	SC	2-5 min.
133856	5/01/1949 14:00	Oak Ridge (drive	WV	40seconds
133857	4/10/1949 15:00	Seattle	WA	ten minutes
133858	12/12/1948 23:30	Sharpsburg	MD	3 minutes
133859	11/07/1948 12:00	Brownstown	IN	unknown
133860	8/15/48 12:00	Conshohocken	PA	15sec
133861	8/01/1948 2:00	York City (Bro	NY	10 minutes
133862	7/15/48 22:00	Ojai	CA	15 minutes
133863	6/30/48 00:00	Baltimore	MD	8 sec
133864	6/30/48 20:00	heli (Gujarat) (India)		10-15 seconds
133865	6/30/48 08:00	Jim Ridge	WV	unknown
133866	6/15/48 16:00	Borger	TX	8-10 seconds
133867	6/15/48 13:00	Ritzville	WA	~3 minutes
133868	6/01/1948	Napan (Canada	NB	20 sec
133869	6/01/1948	Korea		few minutes
133870	5/10/1948 19:00	Scipio	IN	10 seconds
133871	4/30/48 12:00	Kelseyville	CA	unknown
133872	12/24/47 21:00	Whitmore Lake	MI	20 Min.
133873	10/16/47 12:00	Perreira (Colombia)		Dec. 24, 1947
133874	10/15/47 21:00	Palmira		12 hours
133875	10/01/1947	Wright-Patters	OH	1 hour
133876	8/15/47 20:15	Proctor	OK	Days
133877	8/12/1947 22:00	Saranac Lake	NY	2 min
133878	8/12/1947 1:00	ta (south of: Roc	OK	approx:6 minutes
133879	8/10/1947 20:00	Green Valley	WI	30 seconds
133880	8/08/1947 22:00	Modesto	CA	3-5 minutes
133881	7/20/47 22:00	aton/Des Moin	NM	UNKNOWN
133882	7/15/47 21:00	Morehouse	MO	45 Min
133883	7/15/47 21:00	San Jose	CA	hours
133884	7/15/47 17:00	Minneapolis	MN	2-4min ?
133885	7/15/47 15:00	elton (Northeast	ID	19 minutes
				10 Min.

National UFO Reporting Center

(Wikipedia)

1: Credible --- Data from National UFO Reporting Center

2: Data source is relatively new. --- updated at 2021.7.18

3: Dateset is big enough. --- more than 134k records of descriptions

4: Dateset is specific. --- UFO events witnessed in the USA

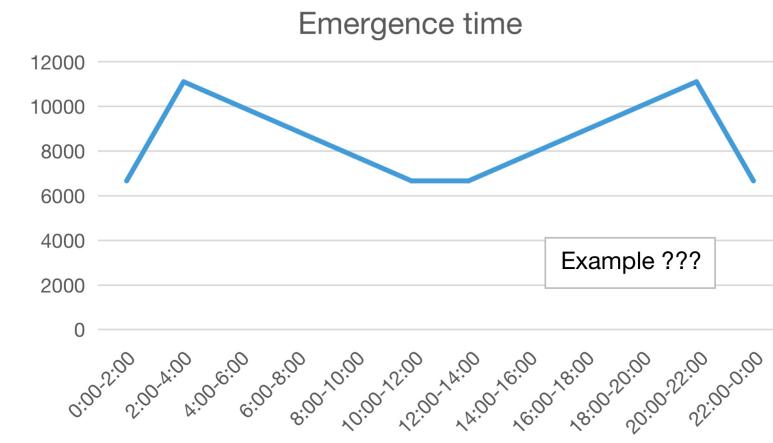
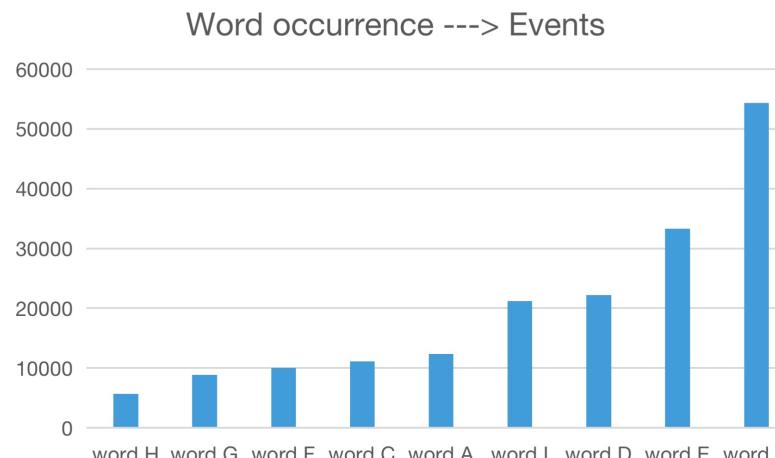
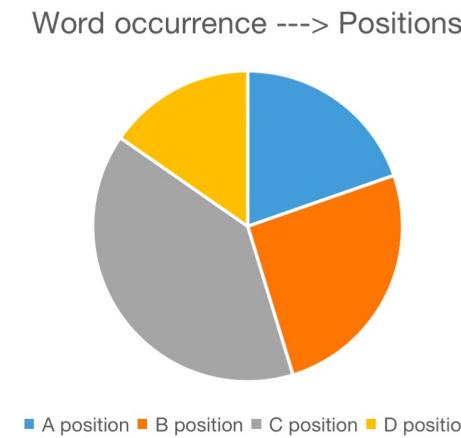
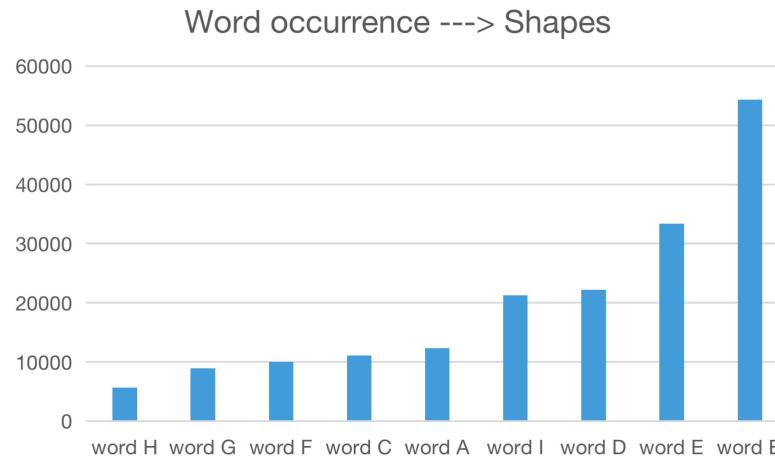
Challenges / Drawback: Dataset is incomplete for some Excel entries

1: **Count** word frequencies from descriptions ← python and Excel

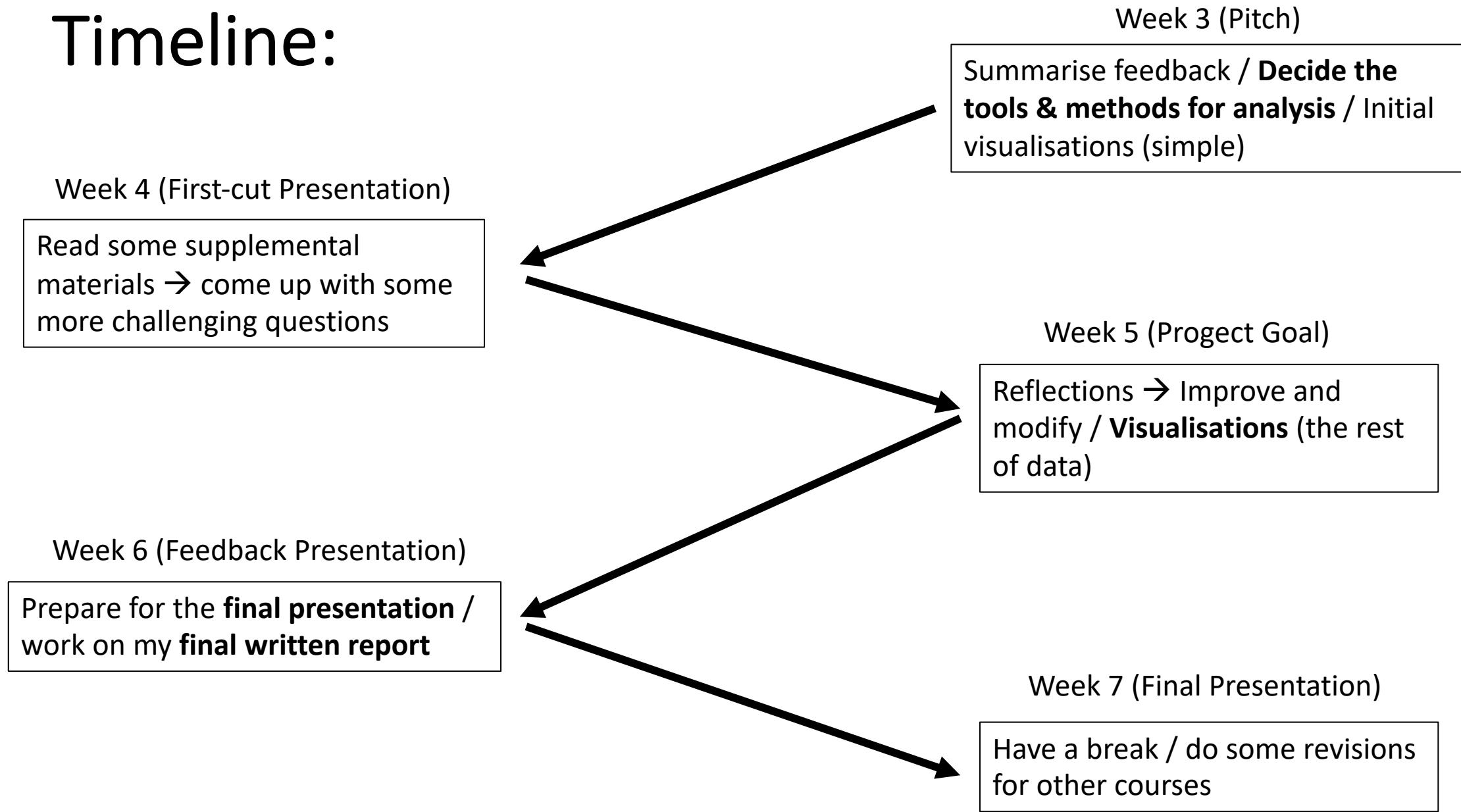
Methodology: 2: **Classfy** English words → attributes

3: **Visualise** ---> barplots / line charts / pie charts / histograms

Graphs:



Timeline:



Rough prototype layout of the final presentation

- 1: my topic
- 2: the reason of choosing this topic
- 3: challenges / problems
- 4: methodology
- 5---9: visualisations (frequent used words describing shapes / time / durations / positions / events)
- 10: conclusions
- 11: what I have learned & inspirations

References:

- https://www.google.com/imgres?imgurl=https%3A%2F%2Fwww.history.com%2Fimage%2Far_16%3A9%252Cc_fill%252Ccs_srgb%252Cfl_progressive%252Cq_auto%3Agood%252Cw_1200%2FMTY0MTk2MzMzNzA2NjE4NzA1%2Fufo-traits-promo-666735176.jpg&imgrefurl=https%3A%2F%2Fwww.history.com%2Fnews%2Fufo-sightings-speed-appearance-movement&tbnid=ygSsQ29hI3srXM&vet=12ahUKEwitwciSZ3yAhVB7JQKHRMTANoQMygWegUIARCpAQ..i&docid=mdzreP1jt7I5dM&w=1200&h=675&q=UFO&ved=2ahUKEwitwciSZ3yAhVB7JQKHRMTANoQMygWegUIARCpAQ
- https://www.google.com/imgres?imgurl=https%3A%2F%2Fmedia-cldnry.s-nbcnews.com%2Fimage%2Fupload%2Fnewscms%2F2018_01%2F2280531%2F180103-ufo-illustration-mn-1015.jpg&imgrefurl=https%3A%2F%2Fwww.nbcnews.com%2Fmach%2Fscience%2Fufo-hunters-got-one-thing-right-here-s-what-they-ncna834306&tbnid=A7oPqdVPOv_iOM&vet=12ahUKEwitwciSZ3yAhVB7JQKHRMTANoQMygGegUIARCHAQ..i&docid=dE8DfyNBNqVj1M&w=2500&h=1667&q=UFO&ved=2ahUKEwitwciSZ3yAhVB7JQKHRMTANoQMygGegUIARCHAQ
- https://en.wikipedia.org/wiki/National_UFO_Reporting_Center

Thanks for your listening!