DS 3500

Advanced Programming with Data

Rachlin

o Analie udividual texts o Compare multiple texts o Text agnostic · Extensibility - Be able to The DS2500 Preschols: Abels would be a bout 10 lives of rode! 1. Possible Doiler Sources: - Gutenburg Tex! > - Political Speech - Tweet conpilations (Biden/Trup) - Corporate Filings - Philosophical Treatises - Letters/James/Dinies - Blogs. - News antides uore on sany allacor of kiels.

& Text Analysis Framework

2.	Visualization Goals
	1. Sankey Text (ormon word (or bigrown) map Top k words for each text or
	provide a <u>list</u> of thematic words.
	A Way
	B (V ₂)
	C IN.
	2. At least one visualization
	that uses subplots.
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3. At least analysis

3. Architecture. Register Texts (3-6) Text Premocessor - cleaning /filking Plugins (Methods Methods

- Zipf_amolysis()

- word-clouds ()

- text_word_sankey | word_list=[], k=20)

common_words (label, k = 10)

- add_text (filename, label = "")

- register_stop_words (filename)