

	Date: Jun 9		
	Objective	Details	Progress
	Set-up	Set-up collaboration environments like Drive, Collab, Github etc.	
		Allocation of tasks and feedback mechanisms	
	Data Scraping	Scrape the data from Reddit API	
		Clean the Reddit data and perform sanity checks	
		Scrape Twitter data	
		Clean the Twitter data and perform sanity checks	
		Understand the differences in data streams	
	Data exploration/Visualizations	Build word-clouds for posts/threads (uni-grams, bi-gram etc)	
		Develop visual for time-based brand performance	
		Develop geo heatmaps	
		Develop visualizations to show topics and sub-topics	
		Develop radar visual to show emotions	
	Sentiment Model	Build sentiment classification model using TF-IDF, BoW features etc	
		Iterate using different models like LR, SVM, RF etc. and different feature sets	
		Test it on API data	
	Emotion Detection Model	Build emotion detection model using TF-IDF, BoW features etc	
		Iterate using different models like LR, SVM, RF etc. and different feature sets	
	Topic Modelling	Explore topic modelling techniques LDA, PageRank - Pros and cons	
		Analyse the results and iterate on the topics and parameters	
		Test it on the API data	
	Dashboard Layout	Given the visuals and models, brainstorm the exact user flow, decide on selection filters	
		Design the layout	
	Interactivity	Research on the toolkit options and select the toolkit	
		Ensure all the visuals we have are feasible/available in the toolkit	
		Design the front-end layout using the selected toolkit	
		Build the backend interactivity	
	Testing	Create the test suite for all the project codes	
	Documentation	Develop sphinx documentation	
	Communication	Create a video showcasing the product and user story	