

## Project Plan - Analysis using Yelp! Customer reviews for Cafés in NYC

Signature	Time Line	Task Onwer	Task
<i>Shubhraj K. S. Jui, Sukit</i>	March10-16	Jui/Krishma/Sukit/Vaibhav	1.1 Select cafes and area to be analyzed
<i>Sukit Kajonpradapkul</i>	March10-16	Sukit	1.2. Scrape Yelp! customer reviews
<i>Sukit Kajonpradapkul</i>	March10-16	Sukit	1.3. Scrape customer ratings
<i>Jui K.S.S.</i>	March17-19	Jui/Krishma	2.1. Analysing data and mapping next steps
<i>Shubhraj K.S.</i>	March20-31	Krishma	3.1 Data Analysis: Rating and Review Analysis
<i>Jui K.S.S.</i>	March20-31	Vaibhav/Jui	3.2 NLP: tokenization, keywords extraction, summarization
<i>Jui</i>	March20-31	Jui/Krishma	3.3. Hypothesis generation- manual analysis of reviews
<i>Sukit Kaj</i>	April09-13	Vaibhav	4.1. Review Analysis and More EDA
<i>Sukit Kaj</i>	April15-27	Sukit/Jui	4.2. Sentiment Analysis
<i>Sukit Kaj</i>	April15-27	Sukit/Jui	4.3 Topic Classification
<i>K.S.S.</i>	April28-30	Krishma	4.4. Unsupervised Learning- VADER Analysis
<i>Jui K.S.S.</i>	April28-30	Jui/Krishma	5.1 Output validation and Key Performance Measure
<i>Shubhraj Sukit Kaj</i>	April28-30	Sukit/Vaibhav	5.2 Result interpretation and analysis
<i>Jui K.S.S.</i>	April28-May01	Krishma/Jui	5.3 Visualization and Presentation

### GROUP 10

#### Team Members:

Jui Pendharkar

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Krishma Shah

Sukit Kajonpradapkul