

# PROJECT PLAN

## A RECIPE FOR DISASTER

LINK



GITHUB.COM/SALTIRESEQUENCE/GROUP-PROJECT-2

### BRIEF

The team love to cook and frequently use food-related websites, as a source for recipes to try. Whilst there are ample food-related websites and blogs that allow you to search for recipes by various categories, those websites are a mecca for 'exit intent', 'time-based', 'length-based' and click-triggered' pop-ups. The team wishes to address this issue by conducting a ETL - we will (i) web-scrape recipe data from a populat recipe website (ii) perform transformation on the data (iii) load the data into a NoSQL structure (iv) plot data.

### METHOD

#### 1. ETL

- extract data / web scrape from simplyrecipes.com
- perform any transformation / data cleansing of scraped data
- load transformed data into a NoSQL (MongoDB) database

Dependencies



#### 2. Plotting

- We will use plotly for basic charting & Tauchart for interactive visualization
- perform any transformation / data cleansing of scraped data
- load transformed data into a NoSQL (MongoDB) database



#### 3. Web Visualization Dashboard

- We will build a Flask framework app
- Have will have pages to show off our visualizations & a data
- We will utilize bootstrap for styling



### INSPIRATION

