# Lab 8 & 9 – Putting it all together and processing it

In this lab we are going to continue the tweet processing to do the following:

* Upon landing, you should display the page from your last lab (lab 7) however, you should show an initial landing page, explain to the user what is happening.
* You are then going to a ‘start’ button
* Once clicked – you should read the tweets from the database and show them as in the earlier labs.
* However, you now should show three data visualizations
* Your visualizations should show the results of some analysis
  + ie how many tweets from each device type
  + Each visualization must represent some unique analysis
* User should have the ability to refresh the tweets – or maybe go live streaming? Or go get more periodically in batch? Up to you – be creative!
* You may use any library you like from any of (or any other than) the following sources;
  + <http://www.chartjs.org/>
  + <http://selection.datavisualization.ch/>
  + <http://d3js.org/>
* Some inspiration can be found at <http://tweetping.net>
* An example of reading back the database and showing 1 chart using chart.js is shown here and included on LMS
* Site must be responsive
* Continue ‘branding’ your page
* Remember to communicate with your user
* Remember the README.md
* Have fun!

You will be graded on the following;

Objective 1 – Analytics : 30

Objective 2 – Visualizations : 30

Creativity/Interface/Functionality : 30

Documentation/Read.me : 10

