

Assignment 4

Objective: Visualizing text dataset using word clouds

Deadline: 5 PM, Oct 22, 2021

Description: In this assignment, you will use your previously created interface to draw a word cloud (actually this time you need a simpler interface, no need for a radio button or checkbox). In the input box you will provide a dataset in CSV format (there will be one word in each line and a number representing the frequency of the corresponding word). Here is an example:

```
text,frequency
layout,63
function,61
data,47
return,36
attr,29
chart,28
array,24
style,24
layouts,22
values,22
need,21
nodes,21
pie,21
use,21
figure,20
circle,19
we'll,19
zoom,19
append,17
elements,17
```

Then when somebody press the submit button you will draw a word cloud from the input like this:

pie data chart
function
attr need array
layout circle
elements
return zoom
values style we'll
layouts use
nodes figure
append

This is an individual assignment.