

Worked Problem 03

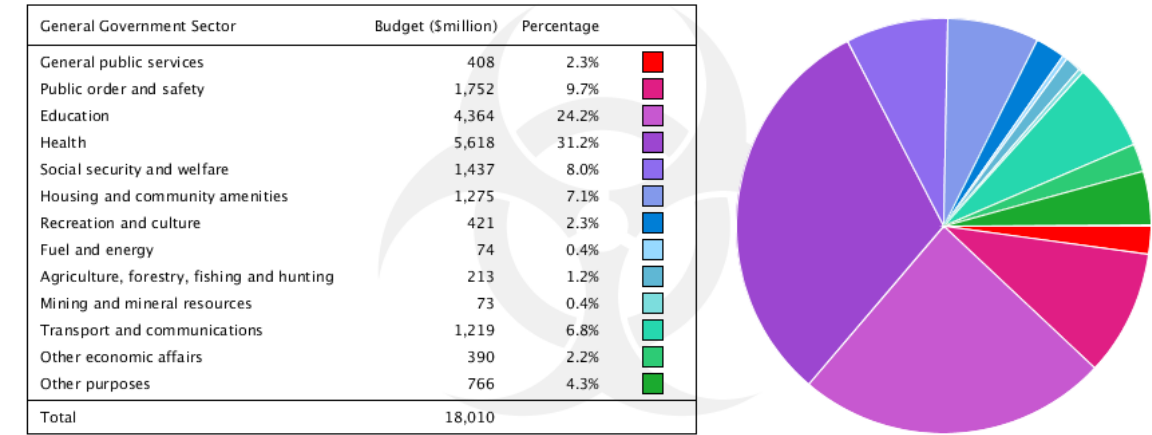
Major Functions

Signature	Description

Test Data

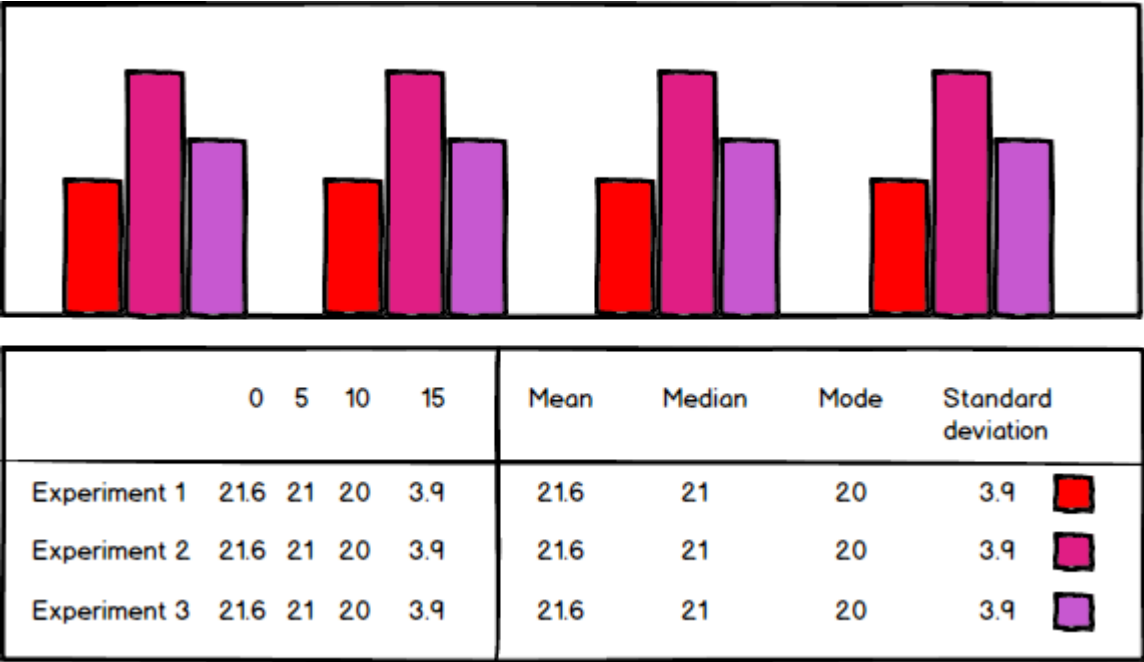
7.2,7.5,7.6,7.5,7.5,7.4,7.1,7.0,7.0,6.9,6.9,7.1,7.2,7.3,7.1,7.1,7.0,7.2,7.3,7.3
7.4,7.4,7.5,7.3,7.6,7.5,7.5,7.4,7.3,7.3,7.2,7.4,7.5,7.5,7.5,7.4,7.2,7.3,7.5,7.6
7.4,7.5,7.5,7.6,7.6,7.5,7.4,7.5,7.8,7.5,7.5,7.6,7.8,7.8,7.4,7.8,7.9,7.4,7.5,7.5

Colour Scheme



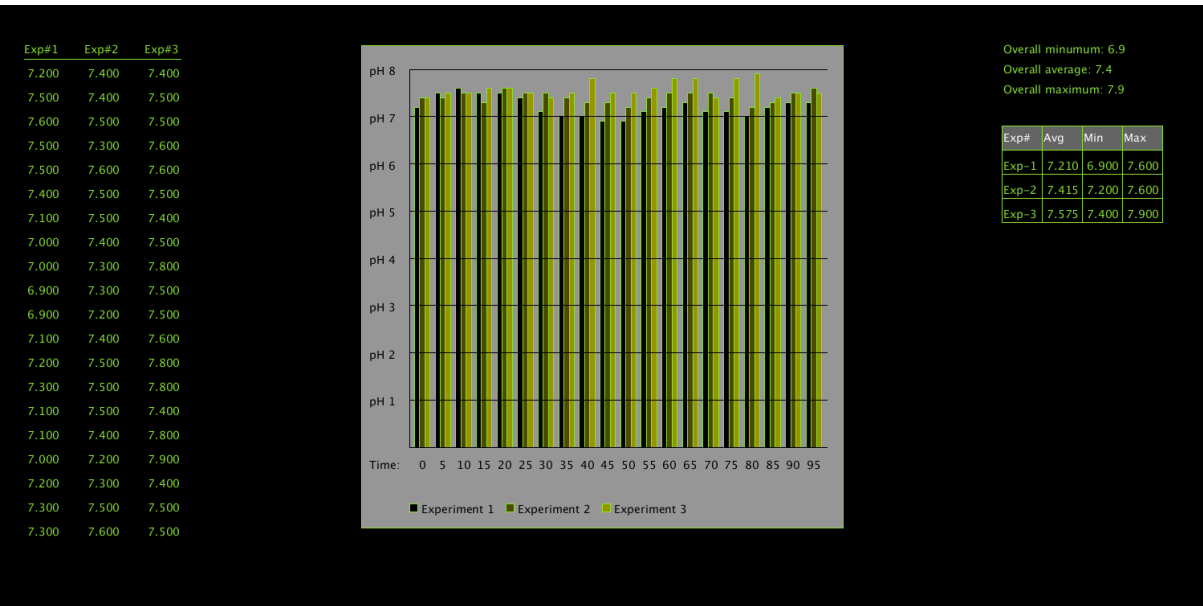
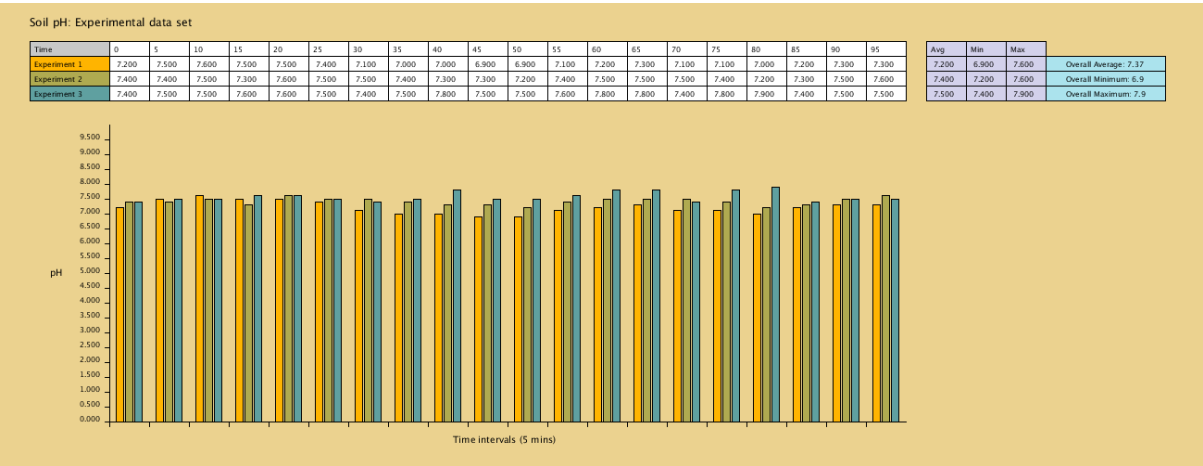
Mock Up

Requirement: Your visualisation can scale with the size of the canvas and with any data values.



Other Designs

Test	Range	Mean	Median	Standard deviation	Mean difference	't' value
Pre - test	15-30	21.6	21	3.9		
Post - test	22 - 36	30.4	30	3.5	8.8	18.14



Overall minimum: 6.9
Overall average: 7.4
Overall maximum: 7.9

Exp#	Avg	Min	Max
Exp-1	7.210	6.900	7.600
Exp-2	7.415	7.200	7.600
Exp-3	7.575	7.400	7.900

PH Experiment

Time	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95			
Exp 1	7,2	7,5	7,6	7,5	7,5	7,4	7,1	7	7	6,9	6,9	7,1	7,2	7,3	7,1	7,1	7	7,2	7,3	7,3	7,21	7,60	6,90
Exp 2	7,4	7,4	7,5	7,3	7,6	7,5	7,5	7,4	7,3	7,3	7,2	7,4	7,5	7,5	7,5	7,4	7,2	7,3	7,5	7,6	7,41	7,60	7,20
Exp 3	7,4	7,5	7,5	7,6	7,6	7,5	7,4	7,5	7,8	7,5	7,5	7,6	7,8	7,8	7,4	7,8	7,9	7,4	7,5	7,5	7,57	7,90	7,40
																					Ave.	Max.	Min.

Overall Average = 7,40 Overall Maximum = 7,90 Overall Minimum = 6,90

Ave. Max. Min.

