
HW1 Problem 3: Data means, standard deviations

```
fprintf('\n');  
clearvars -except function_list pub_opt  
close all
```

```
sets = [0.64 35.0495  
0.23 35.0057  
0.03 35.4955  
0.95 35.2935  
0.95 35.3393  
0.47 35.4829  
0.00 35.6245  
0.15 35.4717  
0.48 35.7321  
0.63 35.4567  
0.48 35.0233  
0.51 35.7177  
0.83 35.8106  
0.36 35.3045  
0.97 35.6869  
0.36 35.0497  
0.93 35.1555  
0.76 35.7150  
0.77 35.9912  
0.58 35.3015  
0.22 35.5324  
0.44 35.9756  
0.51 35.2991  
0.23 35.2881  
0.50 35.4022  
0.40 35.8123  
0.99 35.7386  
0.40 35.5481  
0.60 35.6242  
0.64 35.6057  
0.15 35.3499  
0.64 35.6078  
0.74 35.9811  
0.21 35.3705  
0.00 35.3342  
0.11 35.0754  
0.96 35.9829  
0.17 35.3148  
0.62 35.2739  
0.89 35.7777  
0.02 35.9086  
0.95 35.2198  
0.74 35.6107  
0.92 35.7388
```

0.61	35.0868
0.58	35.2950
0.45	35.1099
0.10	35.1274
0.18	35.8981
0.27	35.2108
0.61	35.1533
0.20	35.7648
0.59	35.4782
0.86	35.5210
0.54	35.7101
0.67	35.9466
0.57	35.7073
0.38	35.8111
0.38	35.4244
0.43	35.0319
0.76	35.2876
0.95	35.0280
0.39	35.7167
0.38	35.7858
0.05	35.9689
0.62	35.5488
0.20	35.3710
0.23	35.9210
0.72	35.7704
0.73	35.3684
0.04	35.1719
0.19	35.9816
0.97	35.9579
0.73	35.2438
0.06	35.6814
0.76	35.6739
0.27	35.9643
0.07	35.4480
0.59	35.3081
0.62	35.3242
0.52	35.0885
0.16	35.4216
0.91	35.3046
0.45	35.2163
0.01	35.8429
0.25	35.1781
0.22	35.3168
0.32	35.2184
0.30	35.3783
0.08	35.4404
0.66	35.2360
0.53	35.0452
0.94	35.1010
0.12	35.9870
0.87	35.3898
0.98	35.4245
0.45	35.3079
0.29	35.1596

```
0.04 35.9471
0.12 35.8883];
```

```
means = mean(sets, 1)
standard_devs = std(sets, 0, 1)
set_max = max(sets)
set_min = min(sets)
```

```
means =
```

```
0.4810    35.4877
```

```
standard_devs =
```

```
0.2953    0.2952
```

```
set_max =
```

```
0.9900    35.9912
```

```
set_min =
```

```
0    35.0057
```

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