

COS30045 Data Visualization Lab Exercise (Lab 1.1 to Lab 2.4)

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Github Link: <https://github.com/PastaKasta/CCM-COS30045>

Lab 1.1

Lab 1.1

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Title of Article about Interesting Visualisation


By: Chong Choon Meng

Pets and the Pandemic

A report from Animal Medicines Australia (AMA) has found that many Australians took the opportunity to introduce a pet into their household during the pandemic. Their survey indicated that there was a significant increase in the percent of households taking in a new dog, fish or bird. Their research also indicated that pets had a number of positive influences on their lives such as:

- companionship
- better mental health
- joy and happiness.


With the increase in pet ownership the AMA are encouraging policy makers to consider the needs of companion animals and their owners when considering rental, strata and body corporate regulations are well as accepting animals in public places and transport.




[Change Image](#)

COS30045 Data Visualisation


Section C1- Demo Lab 1.1- Add table with appropriate label



Cat



Dog



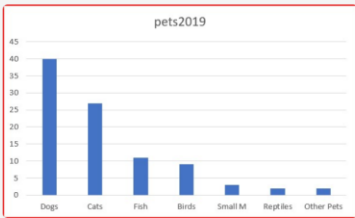
Fish

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Lab 1.2

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Pet Category	Count (Approximate)
Dogs	40
Cats	27
Fish	11
Birds	9
Small M	3
Reptiles	2
Other Pets	1

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Homepage

pets2021

Pet Type	Count
Dogs	47
Cats	30
Fish	13
Birds	14
Small M	5
Reptiles	4
Other Pets	1

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Pet ownership in Australia, 2019 vs 2021								
Pet type	Household penetration (%)		Total owner households ('000)		Animals per household (average)		Total pets ('000)	
	2019	2021	2019	2021	2019	2021	2019	2021
Dogs	40	47	3,848.2	4,644.6	1.3	1.4	5,104.7	6,344.3
Cats	27	30	2,602.4	3,030.7	1.4	1.6	3,766.6	4,903.3
Fish	11	13	1,056.8	1,314.5	10.7	8.5	11,331.7	11,86.5
Birds	9	14	867.9	1,384.0	6.4	3.9	5,569.4	5,448.4
Small mammals	3	5	257.8	498.9	2.4	3.0	614.5	1,502.0
Reptiles	2	4	194.5	426.4	1.9	1.6	364.2	663.4
Other pets	2	1	194.8	188.6	9.2	3.4	1,785.3	401.2
Pet Owners	61	69	5.9 m	6.8 m			28.5 m	30.4 m
Non-Owners	39	31	3.7 m					

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Lab 1.3

Lab 1.3

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Three Different Shapes in SVG



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Lab 2.1

Lab 2.1

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Homepage

warning: Name watched 14 cat videos today.

Name watched 5 cat videos today.

warning: Name watched 26 cat videos today.

warning: Name watched 23 cat videos today.

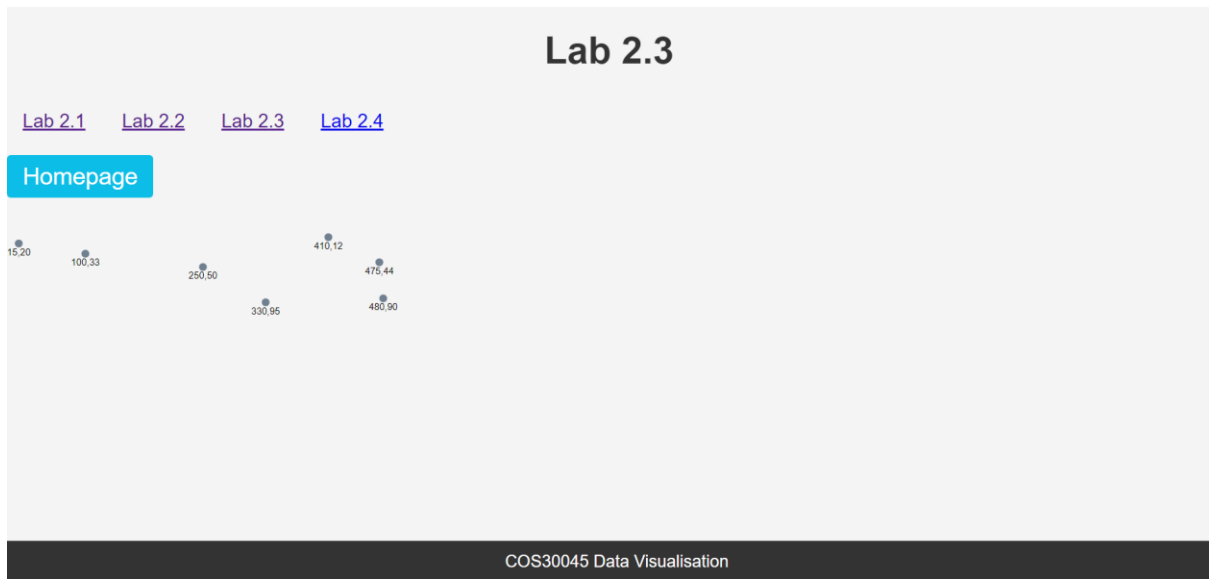
Name watched 9 cat videos today.

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Lab 2.2



Lab 2.3



Lab 2.4

