

What is the distribution of age in our dataset?









What is the distribution of age of churning customers in our dataset?



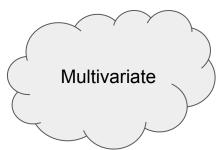
















High-level overview of the data at hand



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Can analyse the granular details about multiple features of the data



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Represent a two-dimensional table that provides a multidimensional summarization of the data



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The levels in the pivot table will be stored in MultiIndex objects





gender	occupation age	company	retired	salaried	self_employed	student
(25, 50]	2.0	0.0	226.0	852.0	38.0	
(50, 100]	1.0	52.0	70.0	605.0	0.0	
Male	(0, 25]	0.0	NaN	17.0	74.0	137.0
	(25, 50]	0.0	2.0	563.0	1107.0	47.0
	(50, 100]	0.0	251.0	264.0	698.0	0.0



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A pair-wise scatter plot and introducing the notion of color or hue to separate out values in a categorical dimension.



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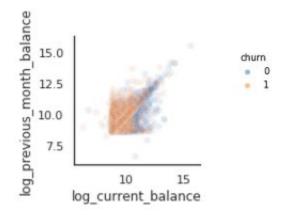
Ex: What is the pattern of account balance (current month and previous month) for churning and non churning customers?



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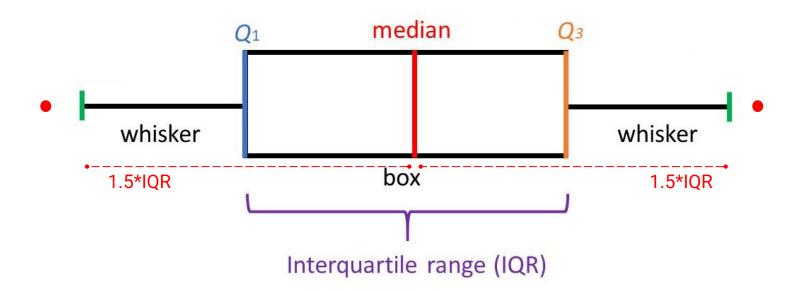
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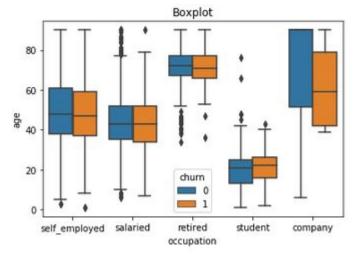
Ex: What is the distribution of age and occupation for churning customer?



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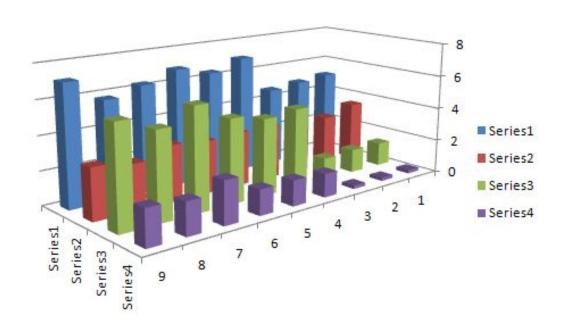
One continuous and two categorical feature

Ex: What is the distribution of age and occupation for churning customer?



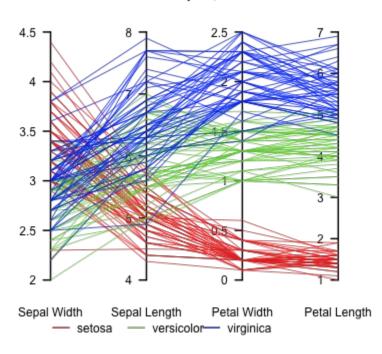


Other Multivariate Plots

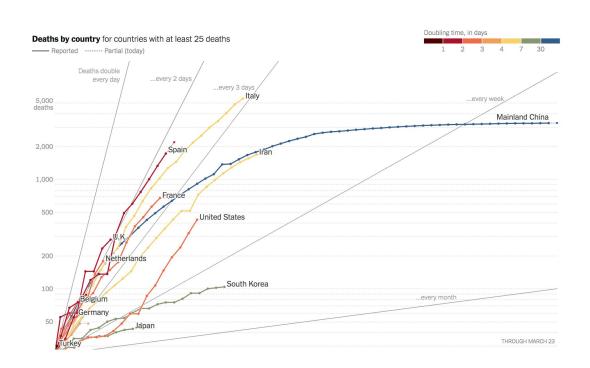


Other Multivariate Plots

Parallel coordinate plot, Fisher's Iris data



Other Multivariate Plots



Thanks

