VISUALIZACIÓN DE DATOS EN RSTUDIO

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CICLO DE MINICURSOS

SOCHE, 28 Y 30 DE OCTUBRE DE 2020

AGENDA

INTRODUCCIÓN A LA VISUALIZACIÓN DE DATOS

BUENAS VS MALAS REPRESENTACIONES

DIMENSIONES Y ESTÉTICA

TIPOS DE GRÁFICOS

PROPÓSITO DE LA VISUALIZACIÓN

INTRODUCCIÓN A GGPLOT2

VISUALIZACIÓN INTERACTIVA

ALGUNOS TIPOS DE GRÁFICOS Y SUS PROPÓSITOS



'From Data to Viz' is a classification of chart types based on input data format. It will help you find the perfect chart in three simple steps:



Identify what type of data you have.



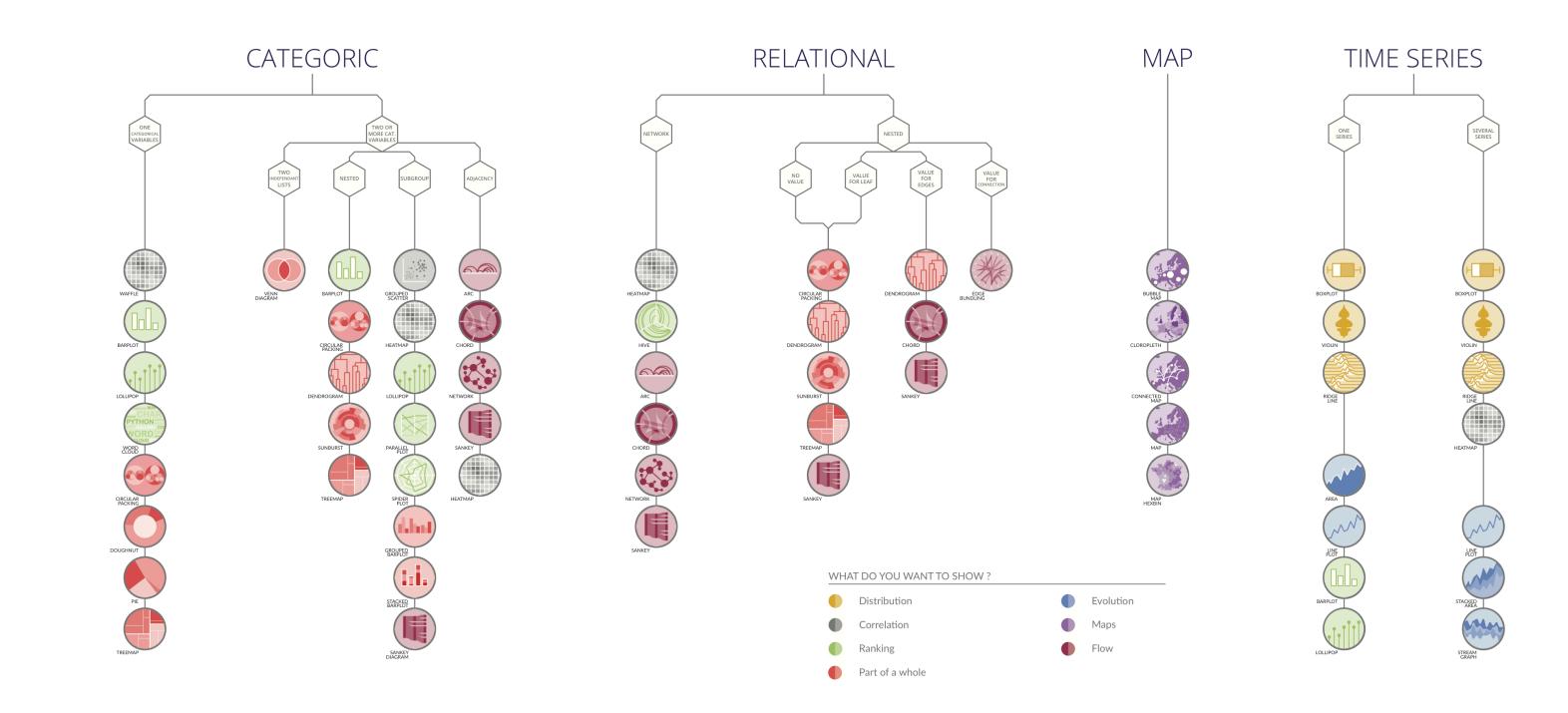
Go to the corresponding decision tree and follow it down to a set of possible charts.

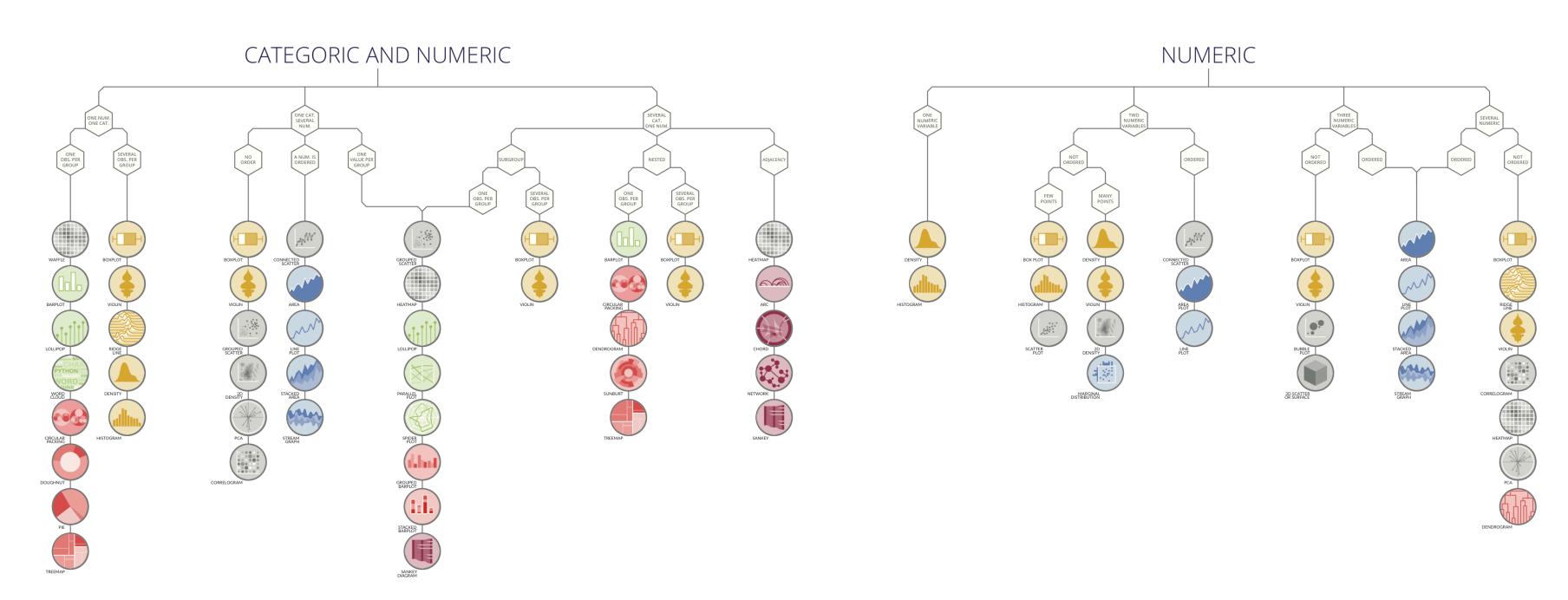


Choose the chart from the set that will suit your data and your needs best.

Dataviz is a world with endless possibilities and this project does not claim to be exhaustive. However it should provide you with a good starting point. For an interactive version and much more, visit:

data-to-viz.com







HTTPS://WWW.DATA-TO-VIZ.COM/

INTRODUCCIÓN A GGPLOT2

GGPL0T2 ES UN PAQUETE DE R QUE PERMITE HACER GRÁFICAS ELEGANTES

GGPLOT2 ESTÁ BASADO EN CAPAS

POSEE SU PROPIA "GRAMÁTICA"

cornsilk3	dodgerblue4	gray45	grey3	grey69	lemonchiffon2	mediumorchid	palevioletred4	slateblue											
cornsilk2	dodgerblue3	gray44	grey2	grey68	lemonchiffon1	mediumblue	palevioletred3	skyblue4											
cornsilk1	dodgerblue2	gray43	grey1	grey67	lemonchiff an e	diumaquamar	i pe levioletred2	skyblue3											
comsilk	dodgerblue1	gray42	grey0	grey66	lawngreen	maroon4	palevioletred1	skyblue2	yellowgreen										
comflowerblue	dodgerblue	gray41	grey	grey65	lavenderblush4	maroon3	palevioletred	skyblue1	yellow4										
coral4	dimgrey	gray40	greenyellow	grey64	lavenderblush3	maroon2	paleturquoise4	skyblue	yellow3										
coral3	dimgray	gray39	green4	grey63	lavenderblush2	marcon1	paleturquoise3	sienna4	yellow2										
coral2 c	deepskyblue4	gray38	green3	grey62	lavenderblush1	maroon	paleturquoise2	sienna3	yellow1										
coral1 c	deepskyblue3	gray37	green2	grey61	lavenderblush	magenta4	paleturquoise1	sienna2	yellow										
coral	deepskyblue2	gray36	green1	grey60	lavender	magenta3	paleturquoise	sienna1	whitesmoke										
chocolate4	deepskyblue1	gray35	green	grey59	khaki4	magenta2	palegreen4	sienna	wheat4										
chocolate3	deepskyblue	gray34	gray100	grey58	khaki3	magenta1	palegreen3	seashell4	wheat3	PROG	uamoranges	grayo	gruy.	groyau	grojoo	ngragarass	narajomnico	TUME	VALUE 1
chocolate2	deeppink4	gray33	gray99	grey57	khaki2	magenta	palegreen2	seashell3	wheat2	lanchedalmon	ddarkorange1	gray4	gray70	grey28	grey94	lightpink2	navajowhite2	red1	steelblue4
chocolate1	deeppink3	gray32	gray98	grey56	khaki1	linen	palegreen1	seashell2	wheat1	black	darkorange	gray3	gray69	grey27	grey93	lightpink1	navajowhite1	red	steelblue3
chocolate	deeppink2	gray31	gray97	grey55	khaki	limegreen	palegreen	seashell1	wheat		farkolivegreen		gray68	grey26	grey92	lightpink	navajowhite	purple4	steelblue2
chartreuse4	deeppink1	gray30	gray96	grey54	ivory4	lightyellow4	palegoldenrod	seashell	violetred4										
chartreuse3	deeppink	gray29	gray95	grey53	ivory3	lightyellow3	orchid4	seagreen4	violetred3		farkolivegreen:		gray67	grey25	grey91	lightgrey	moccasin	purple3	steelblue1
chartreuse2	darkviolet	gray28	gray94	grey52	ivory2	lightyellow2	orchid3	seagreen3	violetred2	bisque2 c	farkolivegreen/	2 gray0	gray66	grey24	grey90	lightgreen	mistyrose4	purple2	steelblue
chartreuse1	darkturquoise	gray27	gray93	grey51	ivory1	lightyellow1	orchid2	seagreen2	violetred1	bisque1 c	farkolivegreen	1 gray	gray65	grey23	grey89	lightgray	mistyrose3	purple1	springgreen4
chartreuse	darkslategrey	gray26	gray92	grey50	ivory	lightyellow	orchid1	seagreen1	violetred	bisque	darkolivegreen	goldenrod4	gray64	grey22	grey88 lig	htgoldenrodyell	ownistyrose2	purple	springgreen3
cadetblue4 d	farkslategray4	gray25	gray91	grey49	indianred4	ightsteelblue4	orchid	seagreen	violet	beige	darkmagenta	goldenrod3	gray63	grey21	grey87	lightgoldenrod4	mistyrose1	powderblue	springgreen2
cadetblue3 d	farkslategray3	gray24	gray90	grey48	indianred3	lightsteelblue3	orangered4	sandybrown	turquoise4	azure4	darkkhaki	goldenrod2	gray62	grey20	grey86	lightgoldenrod3	mistyrose	plum4	springgreen1
cadetblue2 d	farkslategray2	gray23	gray89	grey47	indianred2	lightsteelblue2	orangered3	salmon4	turquoise3	azure3	darkgrey	goldenrod1	gray61	grey19	grey85	lightgoldenrod2		plum3	springgreen
cadetblue1 d	farkslategray1	gray22	gray88	grey46	indianred1	ightsteelblue1	orangered2	salmon3	turquoise2	azure2	darkgreen	goldenrod	gray60	grey18	grey84	lightgoldenrod1		plum2	snow4
cadetblue	darkslategray	gray21	gray87	grey45	indianred	lightsteelblue	orangered1	salmon2	turquoise1		-	gold4							
burlywood4	darkslateblue	gray20	gray86	grey44	hotpink4	lightslategrey	orangered	salmon1	turquoise	azure1	darkgray		gray59	grey17	grey83		nediumvioletred	plum1	snow3
burlywood3 d	larkseagreen4	gray19	gray85	grey43	hotpink3	lightslategray	orange4	salmon	tomato4		darkgoldenrod4	gold3	gray58	grey16	grey82	lightcyan4 m	ediumturquoise	plum	snow2
burlywood2 d	larkseagreen3	gray18	gray84	grey42	hotpink2	lightslateblue	orange3	saddlebrown	tomato3	aquamarine4	darkgoldenrod3	3 gold2	gray57	grey15	grey81	lightcyan3me	diumspringgree	n pink4	snow1
burlywood1 d	larkseagreen2	gray17	gray83	grey41	hotpink1	lightskyblue4	orange2	royalblue4	tomato2	aquamarine3	darkgoldenrod2	gold1	gray56	grey14	grey80	lightcyan2 m	ediumslateblue	pink3	snow
burlywood d	larkseagreen1	gray16	gray82	grey40	hotpink	lightskyblue3	orange1	royalblue3	tomato1	aquamarine2	darkgoldenrod1	gold gold	gray55	grey13	grey79	lightcyan1 m	ediumseagreer	pink2	slategrey
brown4	darkseagreen	gray15	gray81	grey39	honeydew4	lightskyblue2	orange	royalblue2	tomato	aquamarine1	darkgoldenrod	ghostwhite	gray54	grey12	grey78	lightcyan r	nediumpurple4	pink1	slategray4
brown3	darksalmon	gray14	gray80	grey38	honeydew3	lightskyblue1	olivedrab4	royalblue1	thistle4	aquamarine	darkcyan	gainsboro	gray53	grey11	grey77	lightcoral r	nediumpurple3	pink	slategray3
brown2	darkred	gray13	gray79	grey37	honeydew2	lightskyblue	olivedrab3	royalblue	thistle3	antiquewhite4	darkblue	forestgreen	gray52	grey10	grey76		nediumpurple2	peru	slategray2
brown1	darkorchid4	gray12	gray78	grey36	honeydew1	lightseagreen	olivedrab2	rosybrown4	thistle2										
brown	darkorchid3	gray11	gray77	grey35	honeydew	lightsalmon4	olivedrab1	rosybrown3	thistle1	antiquewhite3		floralwhite	gray51	grey9	grey75			peachpuff4	slategray1
blueviolet	darkorchid2	gray10	gray76	grey34	grey100	lightsalmon3		rosybrown2	thistle	antiquewhite2		firebrick4	gray50	grey8	grey74			peachpuff3	slategray
blue4	darkorchid1	gray9	gray75	grey33	grey99	lightsalmon2		rosybrown1	tan4	antiquewhite1	cyan2	firebrick3	gray49	grey7	grey73	lightblue1 r	nediumorchid4	peachpuff2	slateblue4
blue3	darkorchid	gray8	gray74	grey32	grey98	lightsalmon1	navyblue	rosybrown	tan3	antiquewhite	cyan1	firebrick2	gray48	grey6	grey72	lightblue r	nediumorchid3	peachpuff1	slateblue3
	darkorange4	gray7	gray73	grey31	grey97	lightsalmon	navy	red4	tan2	aliceblue	cyan	firebrick1	gray47	grey5	grey71	lemonchiffon4r	nediumorchid2	peachpuff	slateblue2
blue1	darkorange3	gray6	gray72	grey30	grey96	lightpink4	navajowhite4	red3	tan1	white	cornsilk4	firebrick	gray46	grey4	grey70	lemonchiffon3r	nediumorchid1	papayawhip	slateblue1

lightpink3 navajowhite3 red2

tan

grey29

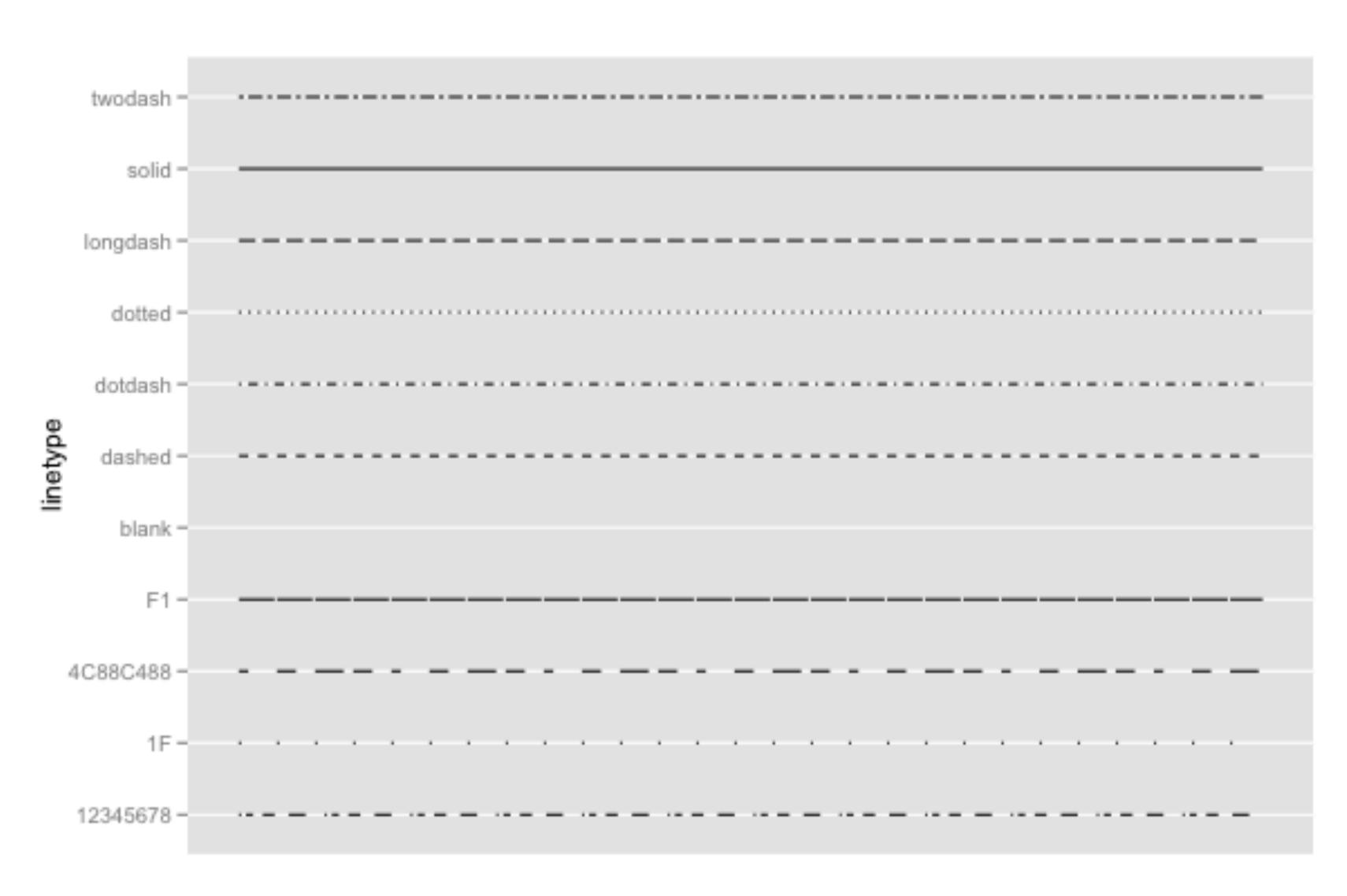
gray71

grey95

darkorange2 gray5

FORMAS

LINEAS



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