Relational plots

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| [**relplot**](https://seaborn.pydata.org/generated/seaborn.relplot.html#seaborn.relplot) | Figure-level interface for drawing relational plots onto a FacetGrid. |
| [**scatterplot**](https://seaborn.pydata.org/generated/seaborn.scatterplot.html#seaborn.scatterplot) | Draw a scatter plot with possibility of several semantic groupings. |
| [**lineplot**](https://seaborn.pydata.org/generated/seaborn.lineplot.html#seaborn.lineplot) | Draw a line plot with possibility of several semantic groupings. |

Distribution plots

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| [**displot**](https://seaborn.pydata.org/generated/seaborn.displot.html#seaborn.displot) | Figure-level interface for drawing distribution plots onto a FacetGrid. |
| [**histplot**](https://seaborn.pydata.org/generated/seaborn.histplot.html#seaborn.histplot) | Plot univariate or bivariate histograms to show distributions of datasets. |
| [**kdeplot**](https://seaborn.pydata.org/generated/seaborn.kdeplot.html#seaborn.kdeplot) | Plot univariate or bivariate distributions using kernel density estimation. |
| [**ecdfplot**](https://seaborn.pydata.org/generated/seaborn.ecdfplot.html#seaborn.ecdfplot) | Plot empirical cumulative distribution functions. |
| [**rugplot**](https://seaborn.pydata.org/generated/seaborn.rugplot.html#seaborn.rugplot) | Plot marginal distributions by drawing ticks along the x and y axes. |
| [**distplot**](https://seaborn.pydata.org/generated/seaborn.distplot.html#seaborn.distplot) | DEPRECATED: Flexibly plot a univariate distribution of observations. |

Categorical plots

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| [**catplot**](https://seaborn.pydata.org/generated/seaborn.catplot.html#seaborn.catplot) | Figure-level interface for drawing categorical plots onto a FacetGrid. |
| [**stripplot**](https://seaborn.pydata.org/generated/seaborn.stripplot.html#seaborn.stripplot) | Draw a scatterplot where one variable is categorical. |
| [**swarmplot**](https://seaborn.pydata.org/generated/seaborn.swarmplot.html#seaborn.swarmplot) | Draw a categorical scatterplot with non-overlapping points. |
| [**boxplot**](https://seaborn.pydata.org/generated/seaborn.boxplot.html#seaborn.boxplot) | Draw a box plot to show distributions with respect to categories. |
| [**violinplot**](https://seaborn.pydata.org/generated/seaborn.violinplot.html#seaborn.violinplot) | Draw a combination of boxplot and kernel density estimate. |
| [**boxenplot**](https://seaborn.pydata.org/generated/seaborn.boxenplot.html#seaborn.boxenplot) | Draw an enhanced box plot for larger datasets. |
| [**pointplot**](https://seaborn.pydata.org/generated/seaborn.pointplot.html#seaborn.pointplot) | Show point estimates and confidence intervals using scatter plot glyphs. |
| [**barplot**](https://seaborn.pydata.org/generated/seaborn.barplot.html#seaborn.barplot) | Show point estimates and confidence intervals as rectangular bars. |
| [**countplot**](https://seaborn.pydata.org/generated/seaborn.countplot.html#seaborn.countplot) | Show the counts of observations in each categorical bin using bars. |

Regression plots

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| [**lmplot**](https://seaborn.pydata.org/generated/seaborn.lmplot.html#seaborn.lmplot) | Plot data and regression model fits across a FacetGrid. |
| [**regplot**](https://seaborn.pydata.org/generated/seaborn.regplot.html#seaborn.regplot) | Plot data and a linear regression model fit. |
| [**residplot**](https://seaborn.pydata.org/generated/seaborn.residplot.html#seaborn.residplot) | Plot the residuals of a linear regression. |

Matrix plots

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| [**heatmap**](https://seaborn.pydata.org/generated/seaborn.heatmap.html#seaborn.heatmap) | Plot rectangular data as a color-encoded matrix. |
| [**clustermap**](https://seaborn.pydata.org/generated/seaborn.clustermap.html#seaborn.clustermap) | Plot a matrix dataset as a hierarchically-clustered heatmap. |

Multi-plot grids

Facet grids

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| [**FacetGrid**](https://seaborn.pydata.org/generated/seaborn.FacetGrid.html#seaborn.FacetGrid) | Multi-plot grid for plotting conditional relationships. |
| [**FacetGrid.map**](https://seaborn.pydata.org/generated/seaborn.FacetGrid.map.html#seaborn.FacetGrid.map) | Apply a plotting function to each facet’s subset of the data. |
| [**FacetGrid.map\_dataframe**](https://seaborn.pydata.org/generated/seaborn.FacetGrid.map_dataframe.html#seaborn.FacetGrid.map_dataframe) | Like .map but passes args as strings and inserts data in kwargs. |

Pair grids

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| [**pairplot**](https://seaborn.pydata.org/generated/seaborn.pairplot.html#seaborn.pairplot) | Plot pairwise relationships in a dataset. |
| [**PairGrid**](https://seaborn.pydata.org/generated/seaborn.PairGrid.html#seaborn.PairGrid) | Subplot grid for plotting pairwise relationships in a dataset. |
| [**PairGrid.map**](https://seaborn.pydata.org/generated/seaborn.PairGrid.map.html#seaborn.PairGrid.map) | Plot with the same function in every subplot. |
| [**PairGrid.map\_diag**](https://seaborn.pydata.org/generated/seaborn.PairGrid.map_diag.html#seaborn.PairGrid.map_diag) | Plot with a univariate function on each diagonal subplot. |
| [**PairGrid.map\_offdiag**](https://seaborn.pydata.org/generated/seaborn.PairGrid.map_offdiag.html#seaborn.PairGrid.map_offdiag) | Plot with a bivariate function on the off-diagonal subplots. |
| [**PairGrid.map\_lower**](https://seaborn.pydata.org/generated/seaborn.PairGrid.map_lower.html#seaborn.PairGrid.map_lower) | Plot with a bivariate function on the lower diagonal subplots. |
| [**PairGrid.map\_upper**](https://seaborn.pydata.org/generated/seaborn.PairGrid.map_upper.html#seaborn.PairGrid.map_upper) | Plot with a bivariate function on the upper diagonal subplots. |

Joint grids

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| [**jointplot**](https://seaborn.pydata.org/generated/seaborn.jointplot.html#seaborn.jointplot) | Draw a plot of two variables with bivariate and univariate graphs. |
| [**JointGrid**](https://seaborn.pydata.org/generated/seaborn.JointGrid.html#seaborn.JointGrid) | Grid for drawing a bivariate plot with marginal univariate plots. |
| [**JointGrid.plot**](https://seaborn.pydata.org/generated/seaborn.JointGrid.plot.html#seaborn.JointGrid.plot) | Draw the plot by passing functions for joint and marginal axes. |
| [**JointGrid.plot\_joint**](https://seaborn.pydata.org/generated/seaborn.JointGrid.plot_joint.html#seaborn.JointGrid.plot_joint) | Draw a bivariate plot on the joint axes of the grid. |
| [**JointGrid.plot\_marginals**](https://seaborn.pydata.org/generated/seaborn.JointGrid.plot_marginals.html#seaborn.JointGrid.plot_marginals) | Draw univariate plots on each marginal axes. |

Themeing

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| [**set\_theme**](https://seaborn.pydata.org/generated/seaborn.set_theme.html#seaborn.set_theme) | Set multiple theme parameters in one step. |
| [**axes\_style**](https://seaborn.pydata.org/generated/seaborn.axes_style.html#seaborn.axes_style) | Return a parameter dict for the aesthetic style of the plots. |
| [**set\_style**](https://seaborn.pydata.org/generated/seaborn.set_style.html#seaborn.set_style) | Set the aesthetic style of the plots. |
| [**plotting\_context**](https://seaborn.pydata.org/generated/seaborn.plotting_context.html#seaborn.plotting_context) | Return a parameter dict to scale elements of the figure. |
| [**set\_context**](https://seaborn.pydata.org/generated/seaborn.set_context.html#seaborn.set_context) | Set the plotting context parameters. |
| [**set\_color\_codes**](https://seaborn.pydata.org/generated/seaborn.set_color_codes.html#seaborn.set_color_codes) | Change how matplotlib color shorthands are interpreted. |
| [**reset\_defaults**](https://seaborn.pydata.org/generated/seaborn.reset_defaults.html#seaborn.reset_defaults) | Restore all RC params to default settings. |
| [**reset\_orig**](https://seaborn.pydata.org/generated/seaborn.reset_orig.html#seaborn.reset_orig) | Restore all RC params to original settings (respects custom rc). |
| [**set**](https://seaborn.pydata.org/generated/seaborn.set.html#seaborn.set) | Alias for **[set\_theme()](https://seaborn.pydata.org/generated/seaborn.set_theme.html" \l "seaborn.set_theme" \o "seaborn.set_theme)**, which is the preferred interface. |

Color palettes

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| [**set\_palette**](https://seaborn.pydata.org/generated/seaborn.set_palette.html#seaborn.set_palette) | Set the matplotlib color cycle using a seaborn palette. |
| [**color\_palette**](https://seaborn.pydata.org/generated/seaborn.color_palette.html#seaborn.color_palette) | Return a list of colors or continuous colormap defining a palette. |
| [**husl\_palette**](https://seaborn.pydata.org/generated/seaborn.husl_palette.html#seaborn.husl_palette) | Get a set of evenly spaced colors in HUSL hue space. |
| [**hls\_palette**](https://seaborn.pydata.org/generated/seaborn.hls_palette.html#seaborn.hls_palette) | Get a set of evenly spaced colors in HLS hue space. |
| [**cubehelix\_palette**](https://seaborn.pydata.org/generated/seaborn.cubehelix_palette.html#seaborn.cubehelix_palette) | Make a sequential palette from the cubehelix system. |
| [**dark\_palette**](https://seaborn.pydata.org/generated/seaborn.dark_palette.html#seaborn.dark_palette) | Make a sequential palette that blends from dark to color. |
| [**light\_palette**](https://seaborn.pydata.org/generated/seaborn.light_palette.html#seaborn.light_palette) | Make a sequential palette that blends from light to color. |
| [**diverging\_palette**](https://seaborn.pydata.org/generated/seaborn.diverging_palette.html#seaborn.diverging_palette) | Make a diverging palette between two HUSL colors. |
| [**blend\_palette**](https://seaborn.pydata.org/generated/seaborn.blend_palette.html#seaborn.blend_palette) | Make a palette that blends between a list of colors. |
| [**xkcd\_palette**](https://seaborn.pydata.org/generated/seaborn.xkcd_palette.html#seaborn.xkcd_palette) | Make a palette with color names from the xkcd color survey. |
| [**crayon\_palette**](https://seaborn.pydata.org/generated/seaborn.crayon_palette.html#seaborn.crayon_palette) | Make a palette with color names from Crayola crayons. |
| [**mpl\_palette**](https://seaborn.pydata.org/generated/seaborn.mpl_palette.html#seaborn.mpl_palette) | Return discrete colors from a matplotlib palette. |

Palette widgets

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| [**choose\_colorbrewer\_palette**](https://seaborn.pydata.org/generated/seaborn.choose_colorbrewer_palette.html#seaborn.choose_colorbrewer_palette) | Select a palette from the ColorBrewer set. |
| [**choose\_cubehelix\_palette**](https://seaborn.pydata.org/generated/seaborn.choose_cubehelix_palette.html#seaborn.choose_cubehelix_palette) | Launch an interactive widget to create a sequential cubehelix palette. |
| [**choose\_light\_palette**](https://seaborn.pydata.org/generated/seaborn.choose_light_palette.html#seaborn.choose_light_palette) | Launch an interactive widget to create a light sequential palette. |
| [**choose\_dark\_palette**](https://seaborn.pydata.org/generated/seaborn.choose_dark_palette.html#seaborn.choose_dark_palette) | Launch an interactive widget to create a dark sequential palette. |
| [**choose\_diverging\_palette**](https://seaborn.pydata.org/generated/seaborn.choose_diverging_palette.html#seaborn.choose_diverging_palette) | Launch an interactive widget to choose a diverging color palette. |

Utility functions

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| [**load\_dataset**](https://seaborn.pydata.org/generated/seaborn.load_dataset.html#seaborn.load_dataset) | Load an example dataset from the online repository (requires internet). |
| [**get\_dataset\_names**](https://seaborn.pydata.org/generated/seaborn.get_dataset_names.html#seaborn.get_dataset_names) | Report available example datasets, useful for reporting issues. |
| [**get\_data\_home**](https://seaborn.pydata.org/generated/seaborn.get_data_home.html#seaborn.get_data_home) | Return a path to the cache directory for example datasets. |
| [**despine**](https://seaborn.pydata.org/generated/seaborn.despine.html#seaborn.despine) | Remove the top and right spines from plot(s). |
| [**desaturate**](https://seaborn.pydata.org/generated/seaborn.desaturate.html#seaborn.desaturate) | Decrease the saturation channel of a color by some percent. |
| [**saturate**](https://seaborn.pydata.org/generated/seaborn.saturate.html#seaborn.saturate) | Return a fully saturated color with the same hue. |
| [**set\_hls\_values**](https://seaborn.pydata.org/generated/seaborn.set_hls_values.html#seaborn.set_hls_values) | Independently manipulate the h, l, or s channels of a color. |