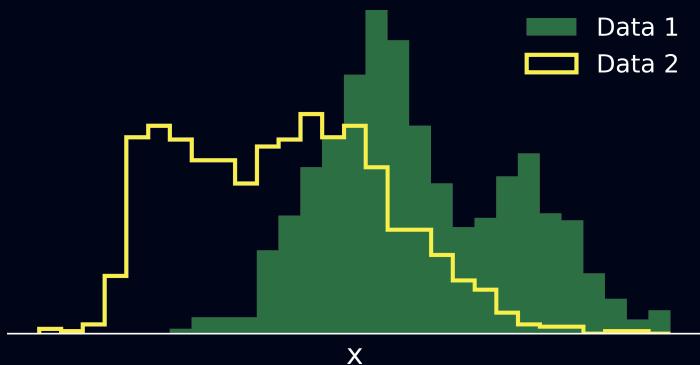


1D

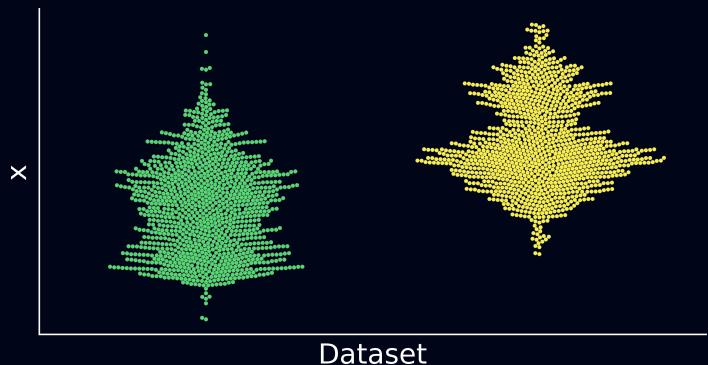
1D Data Exploration

Histograms are tried and true. Beeswarm plots are fun but slow to plot. Box plots show quantiles in your data. Violin plots show quantiles and a smoothed histogram! The Empirical CDF is used as the basis for a lot of statistics!

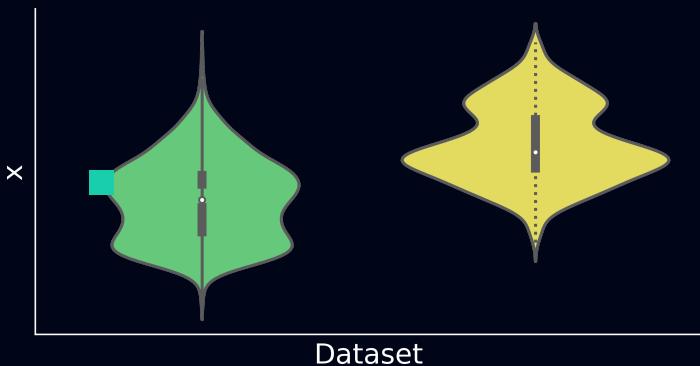
Histogram



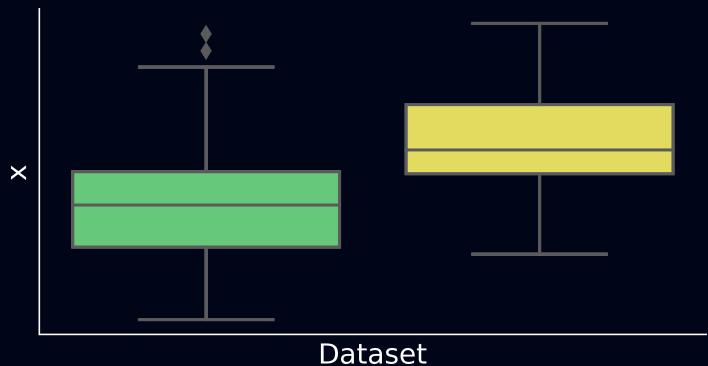
Beeswarm plot



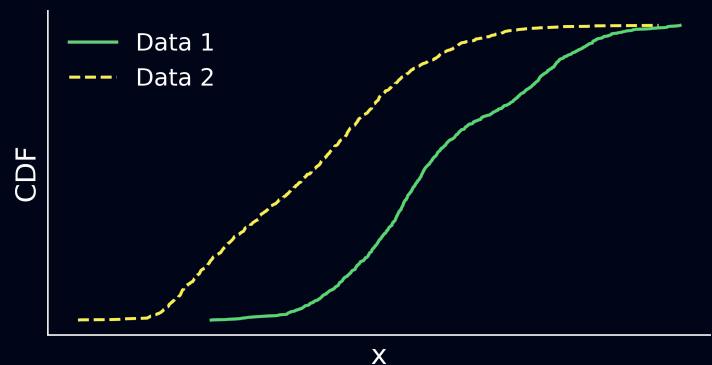
Violin plot



Box Plot



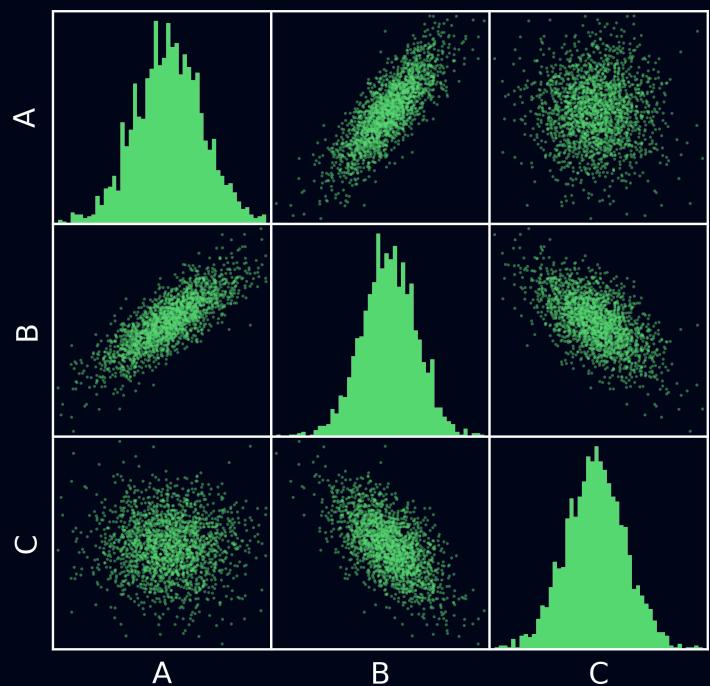
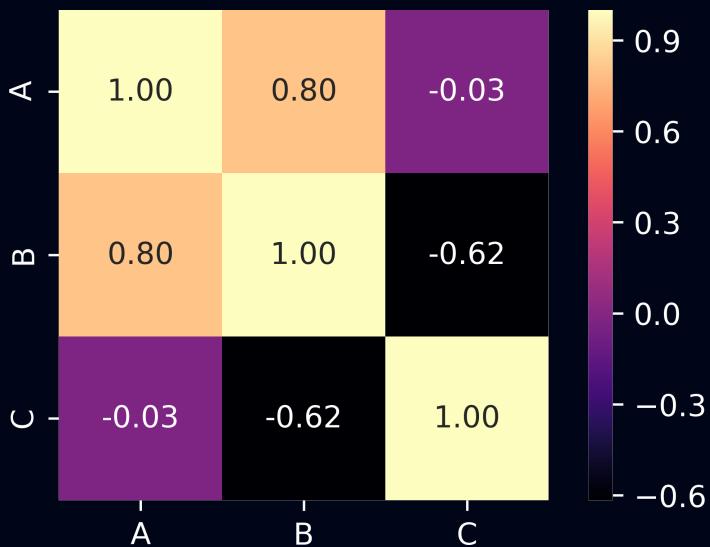
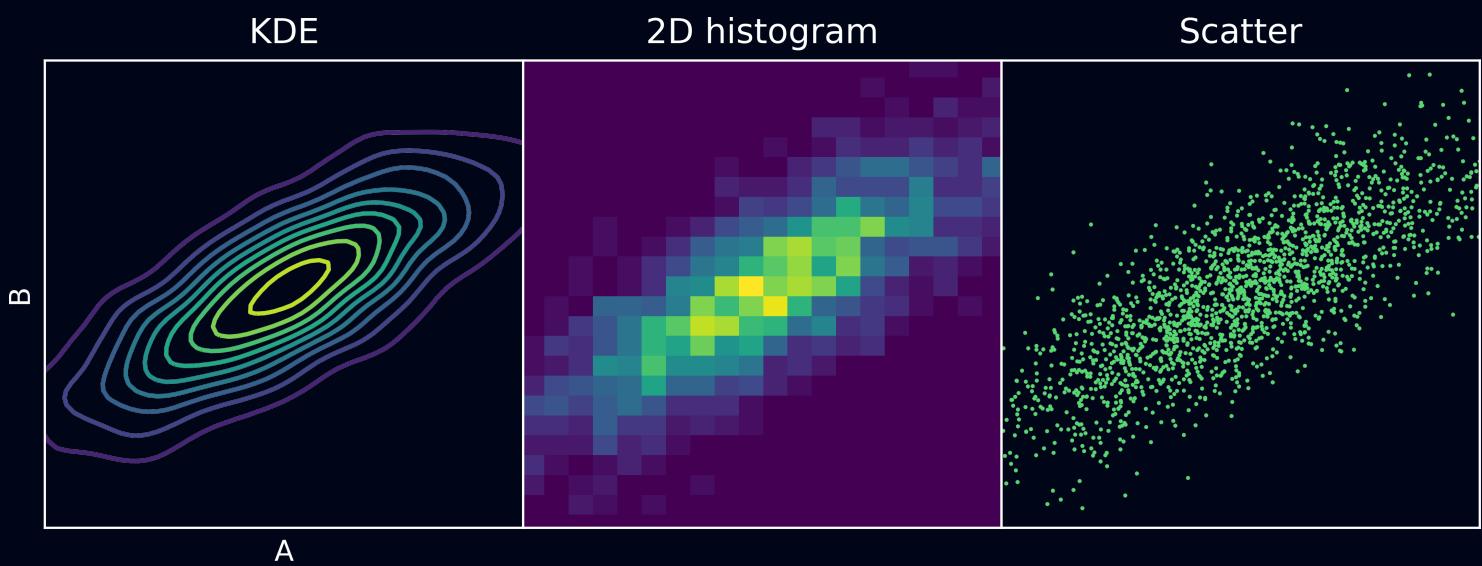
ECDF





Multi-dimensional exploration

KDE plots create smoothed contours. 2D histograms allow visualising raw high density data. Scatter plots are great for seeing small details.



Pandas scatter matrix is great for quickly getting scatter plots, and histograms. You can also make them KDEs with an option!

