

What are the graphs that seaborn does and matplotlib doesn't:

1. **Violin Plot:** Imagine you are analyzing the distribution of scores in a school across different subjects. You have data for each subject and want to visualize both the distribution of scores and the summary statistics for each subject. A violin plot can help show the density of scores for each subject on a single plot.
2. **Pair Plot:** In a scientific study, you have collected data on various physical and chemical properties of different materials. You want to explore potential correlations and patterns between these properties. A pair plot can help you quickly visualize scatterplots for each pair of properties and histograms for each property on the diagonal.
3. **Heat Map:** Consider a business scenario where you have collected sales data for a company across different months and years. You want to visualize how sales performance varies over time. A heatmap can be used to represent sales data in a grid, with each cell showing the sales amount for a specific month and year. The color intensity in each cell represents the sales amount.
4. **Categorical Plots:** Let's say you are studying the impact of different marketing strategies (categories) on the revenue generated by an e-commerce platform. You have data for each strategy and want to visualize the distribution of revenue for each category. A categorical swarm plot can be used to show individual data points, giving insights into the spread and density of revenue for each category.