



Seaborn (0.10.1 latest version)

Seaborn is a python visualization library based on matplotlib. It provides a high-level interface for drawing attractive statistical graphics. It was originally developed at Stanford University and is widely used for plotting and visualizing data. There are several advantages:

- It possesses built-in themes for better visualizations.
- It has tools built in statistical functions which reveal hidden patterns in the data set.
- It has functions to visualize matrices of data which become very important when visualizing large data sets.
- A dataset-oriented API for examining relationships between multiple variables
- Specialized support for using categorical variables to show observations or aggregate statistics
- Options for visualizing univariate or bivariate distributions and for comparing them between subsets of data
- Automatic estimation and plotting of linear regression models for different kinds dependent variables
- Convenient views onto the overall structure of complex datasets

- High-level abstractions for structuring multi-plot grids that let you easily build complex visualizations
- Concise control over matplotlib figure styling with several built-in themes
- Tools for choosing color palettes that faithfully reveal patterns in your data

Almost every graphs which can be generate in matplotlib also can be created in seaborn with beautification in-built

Seaborn aims to make visualization a central part of exploring and understanding data. Its dataset-oriented plotting functions operate on dataframes and arrays containing whole datasets and internally perform the necessary semantic mapping and statistical aggregation to produce informative plots.

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	4K	1M	36K	13K	Beta	0	0	3	1K	85

4,298 repository results

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