Data Visualization Libraries Comparison

Package	Language	Ease of Learning and Use	Customization	Support for Interactive Plots	Unique Features
ggplot2	R	Requires proficiency in R Low-level package	Allows for customization but requires low-level configuration	Yes	General purpose data visualization library for R
Leaflet for R	R	Requires proficiency in R Some high-level plotting capabilities	Allows for customization	Yes	Well suited for geospatial analysis and visualization
Plotly	R, Python	Familiarity with Python or R programming	Highly customizable	Native support	Allows creation of interactive charts Simple charts to domain-specific

Lattice	R	Requires proficiency in R	Yes but requires explicit low-level configuration	Yes	Multivariate statistical analysis and visualization
RGL	R	Requires proficiency in R-Offers functions for easier plotting	Allows for customization	Yes	Support for 3D plots
matplotlib	Python	Familiarity with Python is required	Yes; requires low-level configuration	Possible to customize for interactivity	General purpose data visualization library for PythonGood first data visualization library

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seaborn	Python	Familiarity with Python is preferred Relatively easier to learn and use	Easier styling than matplotlib	Yes, but it's recommended to use Plotly for interactive charting	General purpose data isualization library Helpful in EDA
Bokeh	Python	Easy to use	Allows for customization	Yes	Interactive data visualization

Plotly Dash	Python	Easy to use low-code platform	Highly customizable	Can build interactive dashboards	Present results of data analysis and build front end for ML models as Dash apps
Geopandas	Python	Some experience with data analysis pandas will be helpful	Allows for customization	Yes	Geospatial data visualization such as heatmaps and choropleth maps
Geoplotlib	Python	Familiarity with Python is preferred	Allows for customization	Yes	Geospatial data visualization

Folium	Python	Easy to use	Highly customizable	Yes	Well suited for geospatial data visualization Analyze data in Python;visualize as interactive leaflet maps
Pygal	Python	Simple if you're familiar with Python	Allows for customization	Can embed visualizations in HTML web pages, Flask and Django apps	Export visualization in multiple formats for embedding in Flask and Django apps