

Plotly

Disclaimer

Free version is limited

Includes

Community Forum Support

1 GB of Storage

50/day clientresp API Calls & 250/day v2
API Calls

1,000 Views per Chart/day

Excel & CSV Upload

Create 1 Private File of Each Type

Create Basic & 3D Charts

PNG & JPEG Export

Limited Color Palette

Linear & Quadratic Regressions

Disclaimer

\$396/year

Chat & Email Support (Community
Support for Student Subscriptions)

5 GB of Storage

10,000 API Calls/day

Unlimited Chart Views

XML, HDF5, MS Access (.mdb) & ZIP
Upload

Unlimited Color Palette

One-shot SQL connections

Gaussian, Polynomial & Exponent
Regressions

Create Unlimited Private Files

Add Images & Logos to Charts

Create Statistical, Financial, & Scientific
Chart Types

Create & Share Folders

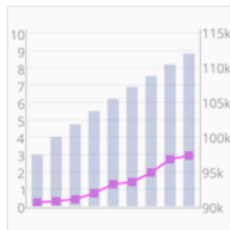
SVG, EPS, HTML & PDF Export

Capabilities

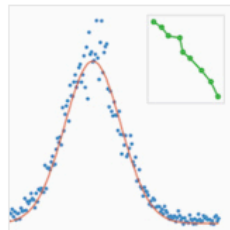
Many examples in documentation

Capabilities

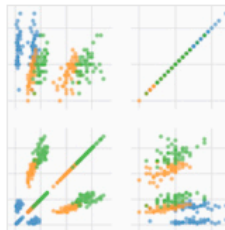
Many examples in documentation



Multiple Axes
in Pandas |
Examples |
plotly



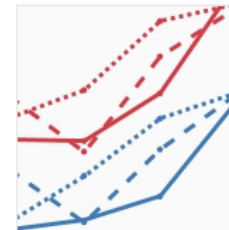
Inset Plots



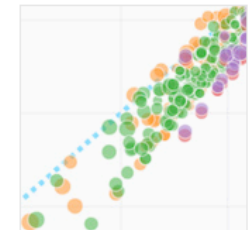
Subplots in
Pandas |
Examples |
plotly



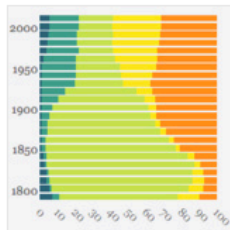
Dashboards



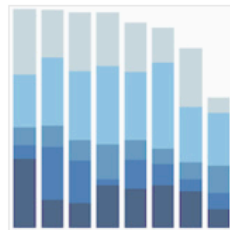
Line Charts



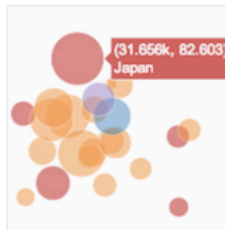
Scatter Plots



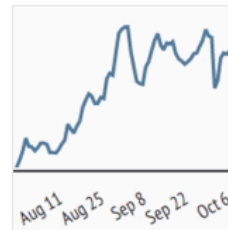
Horizontal
Bar Charts



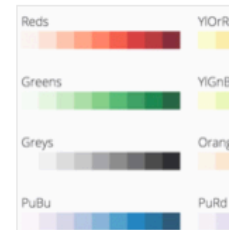
Bar Charts



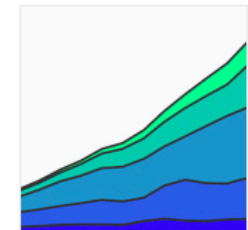
Bubble
Charts



Time Series























Adding
Colorscales
(Using
Colorlover)



Filled Area
Plots

Capabilities

Many examples in documentation

BASIC	STATISTICAL	SCIENTIFIC	MAPS	3D CHARTS
 Scatter plot	 Histogram	 Error bars	 PRO Choropleth	 3D Scatter
 Line plot	 Box plot	 Heatmap	 PRO Atlas Maps	 3D Surface
 Bar chart	 PRO 2D Histogram Heatmap	 Contour	 PRO Satellite Maps	 3D Mesh
 Area Chart	 PRO 2D Histogram Contour Plot	 PRO Ternary plot		
 Pie chart				
 PRO Animation				

Capabilities

Many examples in documentation

Interactive plots (hosted and “offline”)

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Libraries for Python, R, nodeJS,
Matlab, etc. (reads from matplotlib or
ggplot figures)

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(reads from matplotlib or ggplot figures)

Streaming (built on D3 and stackGL)

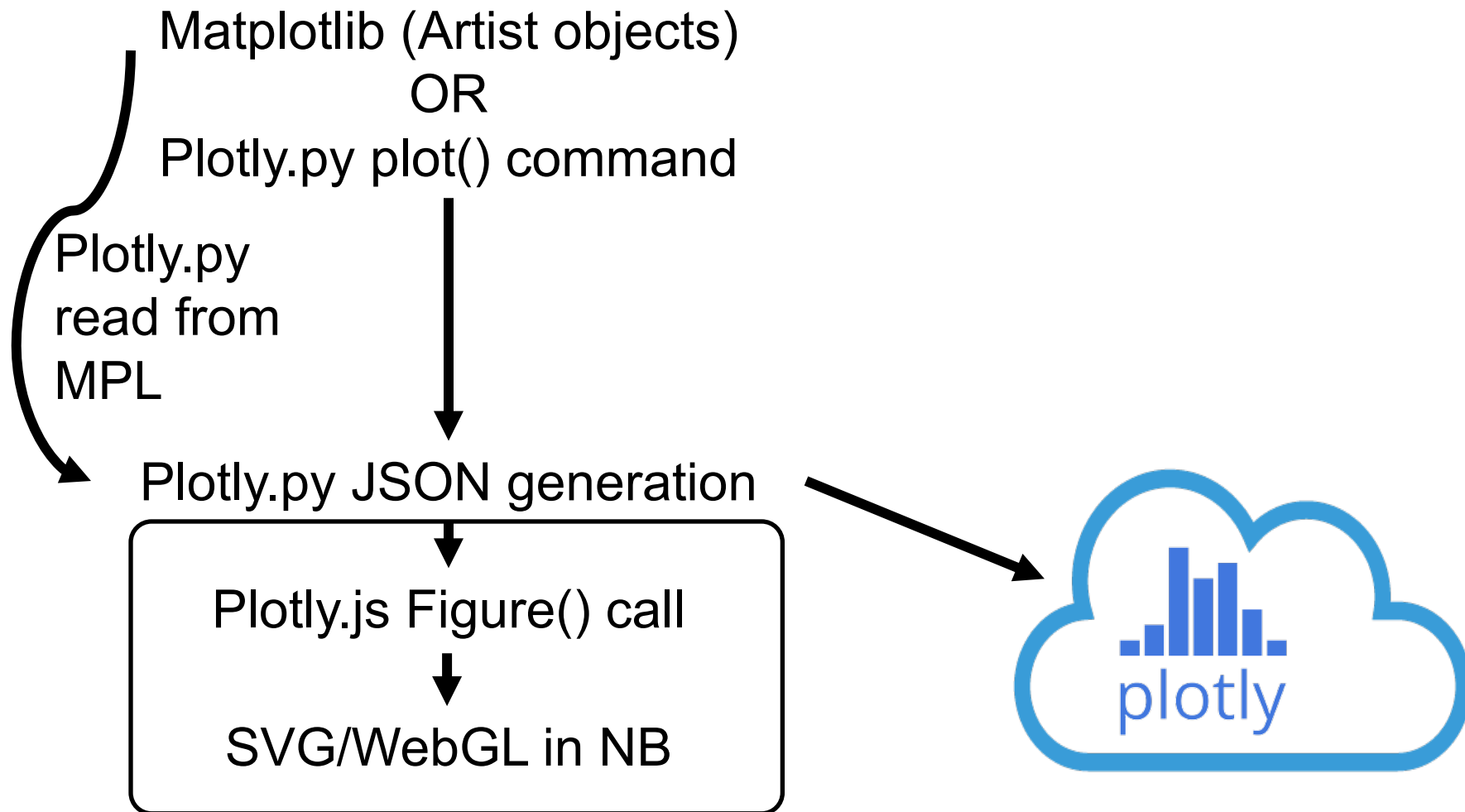
Grammar

Communicated to JS library via JSON (i.e., akin to Vega and Vega-Lite).

Figure { }

```
DATA [ ]  
  TRACE { }  
    x, y, z [ ]  
    color, text, size [ ]  
    colorscale ABC or [ ]  
  MARKER { }  
    color ABC  
    symbol ABC  
  LINE { }  
    color ABC  
    width 123  
  
LAYOUT { }  
  title ABC  
  XAXIS, YAXIS { }  
  SCENE { }  
    XAXIS, YAXIS, ZAXIS { }  
  GEO { }  
  LEGEND { }  
  ANNOTATIONS { }
```

How It Works



Berkeley SCHOOL OF
INFORMATION