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## Chart elements

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Streamlit supports several different charting libraries, and our goal is to continually add support for more. Right now, the most basic library in our arsenal is [Matplotlib](#). Then there are also interactive charting libraries like [Vega Lite](#) (2D charts) and [deck.gl](#) (maps and 3D charts). And finally we also provide a few chart types that are "native" to Streamlit, like `st.line_chart` and `st.area_chart`.

## Simple chart elements

*8*



### [Simple area charts](#)

#### [Display an area chart.](#)

```
st.area_chart(my_data_frame).
```



### [Simple bar charts](#)

#### [Display a bar chart.](#)

```
st.bar_chart(my_data_frame).
```



### [Simple line charts](#)

#### [Display a line chart.](#)

```
st.line_chart(my_data_frame).
```



### [Simple scatter charts](#)

#### [Display a line chart.](#)

```
st.scatter_chart(my_data_frame).
```



### [Scatterplots on maps](#)

#### [Display a map with points on it.](#)

```
st.map(my_data_frame).
```

## Advanced chart elements

*8*



### [Matplotlib](#)


#### [Display a matplotlib.pyplot figure.](#)

```
st.pyplot(my_mpl_figure).
```

 [screenshot](#)


## [Altair](#)

[Display a chart using the Altair library.](#)

[st.altair\\_chart\(my\\_altair\\_chart\).](#)  



## [Vega-Lite](#)

[Display a chart using the Vega-Lite library.](#)

[st.vega\\_lite\\_chart\(my\\_vega\\_lite\\_chart\).](#)  



## [Plotly](#)

[Display an interactive Plotly chart.](#)

[st.plotly\\_chart\(my\\_plotly\\_chart\).](#)  



## [Bokeh](#)

[Display an interactive Bokeh chart.](#)

[st.bokeh\\_chart\(my\\_bokeh\\_chart\).](#)  


## [PyDeck](#)

[Display a chart using the PyDeck library.](#)

[st.pydeck\\_chart\(my\\_pydeck\\_chart\).](#)  


## [GraphViz](#)

[Display a graph using the dagre-d3 library.](#)

[st.graphviz\\_chart\(my\\_graphviz\\_spec\).](#)

Third-party components



These are featured components created by our lovely community. For more examples and inspiration, check out our [Components Gallery](#) and [Streamlit Extras](#)!


[Previous](#)

 [screenshot](#)

## [Streamlit Lottie](#)

[Integrate Lottie](#) animations inside your Streamlit app. Created by [@andfanilo](#).


```
lottie_hello =  
load_lottieurl("https://assets5.lottiefiles.com/packages/lf20_v9t630.json")  
st_lottie(lottie_hello, key="hello")
```



## [Plotly Events](#)

[Make Plotly charts interactive!](#). Created by [@null-jones](#).


```
fig = px.line(x=[1], y=[1]) selected_points =  
plotly_events(fig)
```



## [Streamlit Extras](#)


[A library with useful Streamlit extras.](#) Created by [@arnaudmiribel](#).

```
chart += get_annotations_chart(annotations=[("Mar  
01, 2008", "Pretty good day for GOOG"), ("Dec 01,  
2007", "Something's going wrong for GOOG & AAPL"),  
("Nov 01, 2008", "Market starts again thanks  
to..."), ("Dec 01, 2009", "Small crash for GOOG  
after..."),],) st.altair_chart(chart,  
use_container_width=True)
```




## [Plost](#)

[A deceptively simple plotting library for Streamlit. Created by @tvst.](#)

```
import plotly.plotly as plt
plt.line_chart(my_dataframe,
x='time', y='stock_value', color='stock_name',)

```


**[HiPlot](#)**

[High dimensional Interactive Plotting. Created by @facebookresearch.](#)

```
data = [{'dropout':0.1, 'lr': 0.001, 'loss': 10.0,
'optimizer': 'SGD'}, {'dropout':0.15, 'lr': 0.01,
'loss': 3.5, 'optimizer': 'Adam'}, {'dropout':0.3,
'lr': 0.1, 'loss': 4.5, 'optimizer': 'Adam'}]
hip.Experiment.from_iterable(data).display()

```


**[ECharts](#)**

[High dimensional Interactive Plotting. Created by @andfanilo.](#)

```
from streamlit_echarts import st_echarts
st_echarts(options=options)

```


**[Streamlit Folium](#)**

[Streamlit Component for rendering Folium maps. Created by @randyzwitch.](#)

```
m = folium.Map(location=[39.949610, -75.150282],
zoom_start=16) st_data = st_folium(m, width=725)

```


**[Spacy-Streamlit](#)**

[spaCy building blocks and visualizers for Streamlit apps. Created by @explosion.](#)

```
models = ["en_core_web_sm", "en_core_web_md"]
spacy_streamlit.visualize(models, "Sundar Pichai is
the CEO of Google.")

```


**[Streamlit Agraph](#)**

[A Streamlit Graph Vis. based on react-grah-vis. Created by @ChrisDeIClea.](#)

```
from streamlit_agraph import agraph, Node, Edge,
Config agraph(nodes=nodes, edges=edges,
config=config)

```


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[Integrate Lottie animations inside your Streamlit app. Created by @andfanilo.](#)

```
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 [screenshot](#)

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 [screenshot](#)

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```

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[forum](#)

## Still have questions?

Our [forums](#) are full of helpful information and Streamlit experts.

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