



# Strip Charts in Python

Strip charts are like 1-dimensional jittered scatter plots.

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## Strip Charts with Plotly Express

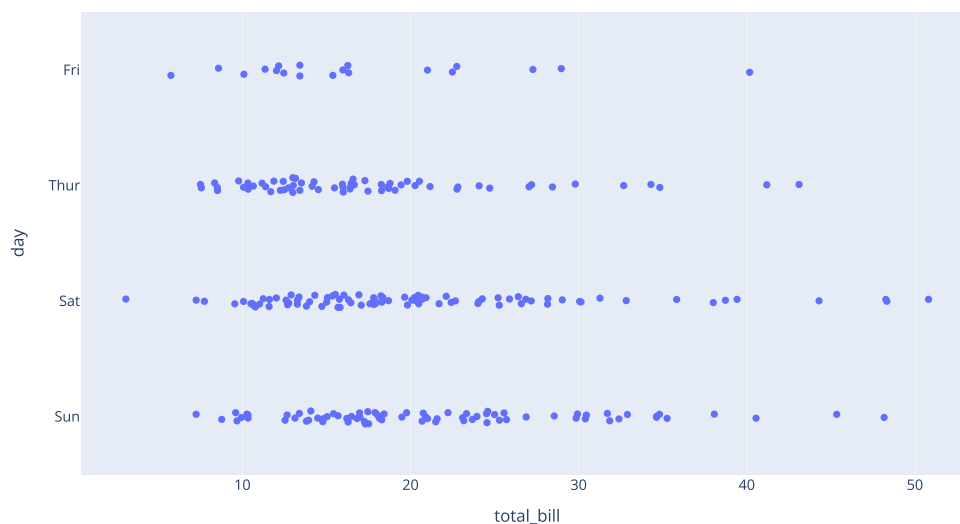
[Plotly Express \(/python/plotly-express/\)](/python/plotly-express/) is the easy-to-use, high-level interface to Plotly, which [operates on a variety of types of data \(/python/px-arguments/\)](/python/px-arguments/) and produces [easy-to-style figures \(/python/styling-plotly-express/\)](/python/styling-plotly-express/).

The `px.strip()` function will make strip charts using underlying box traces with the box hidden.

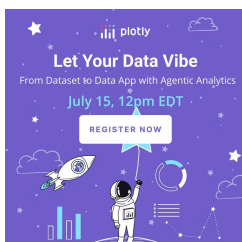
See also [box plots \(/python/box-plots/\)](/python/box-plots/) and [violin plots \(/python/violin/\)](/python/violin/).

```
import plotly.express as px

df = px.data.tips()
fig = px.strip(df, x="total_bill", y="day")
fig.show()
```

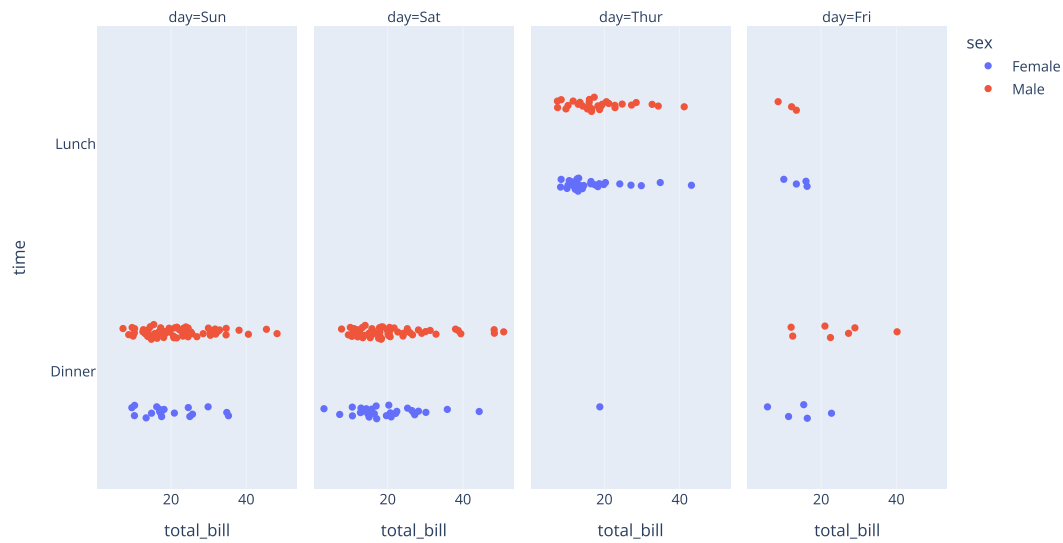


Strip charts support [faceting \(/python/facet-plots/\)](/python/facet-plots/) and [discrete color \(/python/discrete-color/\)](/python/discrete-color/):



```
import plotly.express as px

df = px.data.tips()
fig = px.strip(df, x="total_bill", y="time", color="sex", facet_col="day")
fig.show()
```



## Reference

See [function reference for px.strip\(\)](https://plotly.com/python-api-reference/generated/plotly.express.strip) (<https://plotly.com/python-api-reference/generated/plotly.express.strip>) for more information and chart attribute options!

## What About Dash?

[Dash](https://dash.plot.ly/) (<https://dash.plot.ly/>) is an open-source framework for building analytical applications, with no Javascript required, and it is tightly integrated with the Plotly graphing library.

Learn about how to install Dash at <https://dash.plot.ly/installation> (<https://dash.plot.ly/installation>).

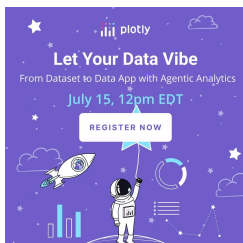
Everywhere in this page that you see `fig.show()`, you can display the same figure in a Dash application by passing it to the `figure` argument of the [Graph component](https://dash.plot.ly/dash-core-components/graph) (<https://dash.plot.ly/dash-core-components/graph>) from the built-in `dash_core_components` package like this:


```
import plotly.graph_objects as go # or plotly.express as px
fig = go.Figure() # or any Plotly Express function e.g. px.bar(...)
# fig.add_trace( ... )
# fig.update_layout( ... )

from dash import Dash, dcc, html

app = Dash()
app.layout = html.Div([
    dcc.Graph(figure=fig)
])

app.run(debug=True, use_reloader=False) # Turn off reloader if inside Jupyter
```





# Dash your way to interactive web apps.

No JavaScript required!

GET STARTED NOW

### My First App with Data, Graph, and Controls


pop

lifeExp

gdpPerCap

country	pop	continent	lifeExp	gdpPerCap
Afghanistan	31889923	Asia	43.828	974.5883384
Albania	2600522	Europe	76.422	5937.625525999999
Algeria	33333216	Africa	72.361	6223.367665
Angola	12420676	Africa	42.731	4707.231267
Argentina	40301927	Americas	75.32	12779.37964
Australia	20434176	Oceania	81.235	34435.367439999995
Austria	8199783	Europe	79.829	36126.4927
Bahrain	708573	Asia	75.635	29796.04834
Bangladesh	150448339	Asia	64.062	1501.253792
Belgium	10592226	Europe	79.441	33692.04508
Benin	8078314	Africa	56.728	1441.284873
Bolivia	9119152	Americas	65.554	3822.137884

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([https://dash.plotly.com/tutorial?utm\\_medium=graphing\\_libraries&utm\\_content=python\\_footer](https://dash.plotly.com/tutorial?utm_medium=graphing_libraries&utm_content=python_footer))

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