Dash Plotly “Date Picker Range” Component Explanation

id='my-date-picker-range', # ID to be used for callback  
calendar\_orientation='horizontal', # vertical or horizontal  
day\_size=39, # size of calendar image. Default is 39  
end\_date\_placeholder\_text="Return", # text that appears when no end date chosen  
with\_portal=False, # if True calendar will open in a full screen overlay portal  
first\_day\_of\_week=2, # Display of calendar when open (0 = Sunday)  
reopen\_calendar\_on\_clear=True,  
is\_RTL=False, # True or False for direction of calendar  
clearable=True, # whether or not the user can clear the dropdown  
number\_of\_months\_shown=1, # number of months shown when calendar is open  
min\_date\_allowed=dt(2018, 1, 1), # minimum date allowed on the DatePickerRange component  
max\_date\_allowed=dt(2020, 6, 20), # maximum date allowed on the DatePickerRange component  
initial\_visible\_month=dt(2020, 5, 1), # the month initially presented when the user opens the calendar  
start\_date=dt(2018, 8, 7).date(),  
end\_date=dt(2020, 5, 15).date(),  
display\_format='MMM Do, YY', # how selected dates are displayed in the DatePickerRange component  
month\_format='MMMM, YYYY', # how calendar headers are displayed when the calendar is opened.  
minimum\_nights=2, # minimum number of days between start and end date  
  
persistence=True,  
persisted\_props=['start\_date'],  
persistence\_type='session', # session, local, or memory. Default is 'local'  
  
updatemode='singledate' # singledate or bothdates. Determines when callback is triggered

Date Formatting

|  |  |  |
| --- | --- | --- |
| **String Token** | **Example** | **Description** |
| YYYY | 2014 | 4 or 2 digit year |
| YY | 14 | 2 digit year |
| Y | -25 | Year with any number of digits and sign |
| Q | 1..4 | Quarter of year. Sets month to first month in quarter. |
| M MM | 1..12 | Month number |
| MMM MMMM | Jan..December | Month name |
| D DD | 1..31 | Day of month |
| Do | 1st..31st | Day of month with ordinal |
| DDD DDDD | 1..365 | Day of year |
| X | 1410715640.579 | Unix timestamp |
| x | 1410715640579 | Unix ms timestamp |

\*The above chart belongs to Dash Plotly

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Since you’re here…

I’m asking my viewers to support my Dash Plotly educational channel. A growing number of viewers are looking for high quality, professional content on Dash, which is hard to find. I am trying to fill that gap.

I believe that anyone working with data can benefit from knowing Dash Plotly, which is why I take the complex parts of Dash and break them down into bite-size tutorials for everyone to have.

My goal is to make this a sustainable project for myself and my viewers, so if you appreciate my channel and are able support its existence, I would be grateful to you.

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