**The Dash Callback**

**You need to remember:**

1. A Callback automatically triggers when the app is loaded (or browser refreshed). To prevent that, you can use *prevent\_initial\_callback=True*
2. Whenever the component\_property of the *Input* changes, the callback is triggered
3. The callback is NOT triggered when the component\_property of the *State* changes.
4. Callback always needs an *Input* and *Output*, but not necessarily a *State.*
5. Every *State* and *Input* need to be represented as arguments inside the callback function.
6. The callback function returns data to the component\_property of the *Output*.
7. Always make a copy of the dataframe you are changing inside the callback function.
8. Any given output (component/property pair) can only have one callback that sets it. They can't be in two callbacks.
9. If the user triggers the callback but you don’t want the *Output* to update, raise *PreventUpdate*.
10. If the user triggers the callback but you want only some of the *Outputs* to update, return Dash.no\_update

**If this was helpful…**

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.

Become my supporter at: <https://www.patreon.com/charmingdata>