plotly

Dash Python > ***A Minimal Dash App***

🐍 A Minimal Dash App

A minimal Dash app will typically look like this:

```python
from dash import Dash, html, dcc, callback, Output, Input
import plotly.express as px
import pandas as pd

df = pd.read_csv('https://raw.githubusercontent.com/plotly/datasets/master/gapminder_unfiltered

app = Dash()

# Requires Dash 2.17.0 or later
app.layout = [
    html.H1(children='Title of Dash App', style={'textAlign':'center'}),
    dcc.Dropdown(df.country.unique(), 'Canada', id='dropdown-selection'),
    dcc.Graph(id='graph-content')
]

@callback(
    Output('graph-content', 'figure'),
    Input('dropdown-selection', 'value')
)
def update_graph(value):
    dff = df[df.country==value]
    return px.line(dff, x='year', y='pop')

if __name__ == '__main__':
    app.run(debug=True)
```
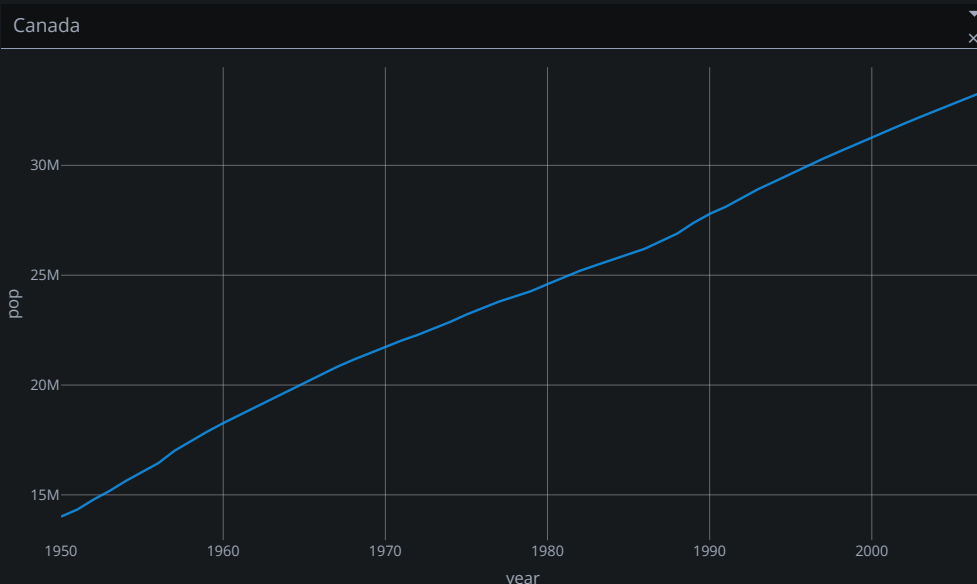
Title of Dash App

Canada

To run the app, copy the above code into a new file named `app.py` and type into your terminal the command `python app.py`. Then, go to the http link.

```
Dash is running on http://127.0.0.1:8050/

 * Serving Flask app 'app' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on http://127.0.0.1:8050 (Press CTRL+C to quit)
```

Alternatively, you can run the app in a **Jupyter Notebook** cell.

The next section will cover the main elements of a Dash app. **Dash in 20 minutes tutorial**!

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