```
pip install dash requests
```

```
Collecting dash
  Downloading dash-2.16.1-py3-none-any.whl (10.2 MB)
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Requirement already satisfied: requests in /usr/local/lib/python3.10/dist-pack
Requirement already satisfied: Flask<3.1,>=1.0.4 in /usr/local/lib/python3.10/
Requirement already satisfied: Werkzeug<3.1 in /usr/local/lib/python3.10/dist-
Requirement already satisfied: plotly>=5.0.0 in /usr/local/lib/python3.10/dist
Collecting dash-html-components==2.0.0 (from dash)
  Downloading dash_html_components-2.0.0-py3-none-any.whl (4.1 kB)
Collecting dash-core-components==2.0.0 (from dash)
  Downloading dash_core_components-2.0.0-py3-none-any.whl (3.8 kB)
Collecting dash-table==5.0.0 (from dash)
  Downloading dash_table-5.0.0-py3-none-any.whl (3.9 kB)
Requirement already satisfied: importlib-metadata in /usr/local/lib/python3.10
Requirement already satisfied: typing-extensions>=4.1.1 in /usr/local/lib/pyth
Collecting retrying (from dash)
  Downloading retrying-1.3.4-py3-none-any.whl (11 kB)
Requirement already satisfied: nest-asyncio in /usr/local/lib/python3.10/dist-
Requirement already satisfied: setuptools in /usr/local/lib/python3.10/dist-pa
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/pyth
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-
Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.10
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.10
Requirement already satisfied: Jinja2>=3.0 in /usr/local/lib/python3.10/dist-p
Requirement already satisfied: itsdangerous>=2.0 in /usr/local/lib/python3.10/
Requirement already satisfied: click>=8.0 in /usr/local/lib/python3.10/dist-pa
Requirement already satisfied: tenacity>=6.2.0 in /usr/local/lib/python3.10/di
Requirement already satisfied: packaging in /usr/local/lib/python3.10/dist-pac
Requirement already satisfied: MarkupSafe>=2.1.1 in /usr/local/lib/python3.10/
Requirement already satisfied: zipp>=0.5 in /usr/local/lib/python3.10/dist-pac
Requirement already satisfied: six>=1.7.0 in /usr/local/lib/python3.10/dist-pa
Installing collected packages: dash-table, dash-html-components, dash-core-com
Successfully installed dash-2.16.1 dash-core-components-2.0.0 dash-html-compon
```

```
import dash
from dash import html, dcc
from dash.dependencies import Input, Output
import requests

app = dash.Dash(__name__)

# OpenWeatherMap API endpoint
api_key = "6bdd8fb1ac7e068de8fd9bd8a437a47b"  # Replace with your OpenWeatherMap AP
url = f"http://api.openweathermap.org/data/2.5/weather?q=Kansas City&appid={api_key

@app.callback(
    Output('weather-dashboard', 'children'),
    Input('interval-component', 'n_intervals')
```

```
    Input('interval-component', 'n_intervals')
)
def update_weather_data(n):
    # Send GET request to the API
    response = requests.get(url)
    data = response.json()

    # Extract relevant data from the JSON response
    if response.status_code == 200:
        temperature = data["main"]["temp"]
        humidity = data["main"]["humidity"]
        weather_description = data["weather"][0]["description"]
        return html.Div([
            html.H1("Current Weather in Kansas City"),
            html.P(f"Temperature: {temperature}°C"),
            html.P(f"Humidity: {humidity}%"),
            html.P(f"Description: {weather_description}")
        ])
    else:
        return "Error fetching data from the API"

app.layout = html.Div([
    dcc.Interval(
        id='interval-component',
        interval=60*1000,  # Update every minute
        n_intervals=0
    ),
    html.Div(id='weather-dashboard')
])

if __name__ == '__main__':
    app.run_server(debug=True)
```

Current Weather in Kansas City

Temperature: 21.1°C

Humidity: 76%

Description: overcast clouds