

# Summary: Creating Dashboards with Plotly and Dash

Congratulations! You have completed this module. At this point in the course, you know:

- Dash is an Open-Source User Interface Python library for creating **reactive, web-based applications**.
- It is easy to build **Graphical User Interfaces using Dash** as it abstracts all technologies required to make the applications.
- There are two components of Dash: **Core and HTML components**.
- The `dash_core_components` describe **higher-level interactive components generated with JavaScript, HTML, and CSS through the React.js library**.
- The `dash_html_components` library has a **component for every HTML tag**.
- A callback function is a python function that is automatically called by Dash whenever an input component's property changes.
- The **`@app.callback` decorator** decorates the callback function in order to tell Dash to call it whenever there is a change in the input component value.
- The callback function **takes input and output components as parameters** and performs operations to return the desired result for the output component.