Additional Resources for Dash

To learn more about Dash, explore

Complete dash user guide

Dash core components

Dash HTML components

Dash community forum

Related blogs

Additional Resources for Interactive Dashboards

To learn more about making interactive dashboards in Dash, visit

Python decorators reference 1

Python decorators reference 2

Callbacks with example

Dash app gallery

Dash community components

Lesson Summary

- Best dashboards answer critical business questions. It will help business make informed decisions, thereby improving performance.

- Dashboards can produce real-time visuals.

- Plotly is an interactive, open-source plotting library that supports over 40 chart types.

- The web based visualizations created using Plotly python can be displayed in Jupyter notebook, saved to standalone HTML files, or served as part of pure Python-built web applications using Dash.

- Plotly Graph Objects is the low-level interface to figures, traces, and layout whereas plotly express is a high-level wrapper for Plotly.

- Dash is an Open-Source User Interface Python library for creating reactive, web-based applications. It is both enterprise-ready and a first-class member of Plotly's open-source tools.

- Core and HTML are the two components of dash.

- The dash_html_components library has a component for every HTML tag.

- The dash_core_components describe higher-level components that are interactive and are generated with JavaScript, HTML, and CSS through the React.js library.

- A callback function is a python function that is automatically called by Dash whenever an input component's property changes. Callback function is decorated with `@app.callback` decorator.

- Callback decorator function takes two parameters: Input and Output. Input and Output to the callback function will have component id and component property. Multiple inputs or outputs should be enclosed inside either a list or tuple.