



Star 23,446



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Dash Python User Guide

Dash is the original low-code framework for rapidly building data apps in Python.











Quickstart

[Installation](#)[A Minimal Dash App](#)[Dash in 20 Minutes Tutorial](#)



Dash Fundamentals

[Layout](#)[Basic Callbacks](#)[Interactive Graphing and Crossfiltering](#)[Sharing Data Between Callbacks](#)

Dash Callbacks

	Advanced Callbacks
	Clientside Callbacks
	Pattern-Matching Callbacks
	Partial Property Updates
	Background Callbacks
	Flexible Callback Signatures
	Duplicate Callback Outputs
	Determining Which Callback Input Changed
	Callback Error Handlers
	Callback Gotchas

Open Source Component Libraries

	Dash Core Components
	Dash HTML Components





Dash DataTable



Dash AG Grid



Dash Bio



Dash DAQ

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Enterprise Libraries



Dash Design Kit



Snapshot Engine



Dash Embedded



Dash Notes



Dash Enterprise Auth

Databricks Integration



Overview and Table of Contents



Connecting to a Databricks SQL Warehouse from Dash



[Executing Databricks Jobs using Plotly Dash](#)

Third-Party Libraries



[Parallel Computing with Dash and Dask](#)



[HoloViews](#)



[Dash Bootstrap \(Community Component\)](#)



[Dash Leaflet \(Community Component\)](#)



[Dash Mantine \(Community Component\)](#)



[Dash Vega-Altair \(Community Component\)](#)

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Creating Your Own Components



[React for Python Developers](#)



[Build Your Own Components](#)



[All-in-One Components](#)

[Writing Dash Plugins using Dash Hooks](#)





Integrating D3.js into Dash Components



Dash 3 for Component Developers

Beyond the Basics



Dash in Jupyter Environments



Performance



Live Updates



Adding CSS & JS and Overriding the Page-Load Template



Multi-Page Apps and URL Support



Persisting User Preferences & Control Values

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Production Capabilities



Deploy Your Dash App




Add Authentication to Your Dash App




Embed Your Dash App in Other Websites






Job Queue




App Studio




Dash Enterprise App Workspaces

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Getting Help



FAQs




The Dash Community Forum



Project Maintenance

Dash R, Julia, Matlab, and F# docs have been retired



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Dash

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