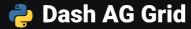






Dash Python > Dash AG Grid

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Dash AG Grid is a high-performance and highly customizable component that wraps AG Grid, designed for creating rich datagrids.

Installation

To install Dash AG Grid, in your terminal run:

pip install dash-ag-grid

These docs are using Dash AG Grid version 31.3.1, which uses AG Grid version 31.3.4.

To learn the basics of Dash AG Grid, see the **Getting Started** guide.

Table of Contents

The first four pages below will help you get started with Dash AG Grid. The remaining pages contain additional examples, with sections broken down by different grid features, for example, columns, rows, and pagination. Many of the examples and explanations come directly from the official AG Grid docs and have been updated to apply to Dash AG Grid. Grid docs are MIT licensed and the content is available here in the AG Grid GitHub repo.

Migration Guide — If you've previously used the Dash Enterprise version of Dash AG Grid (1.x) or the open source versions 2.x, learn how to update your apps to use the 31.x versions.

Getting Started — Get up and running with Dash AG Grid and learn the basics of creating grids, including creating and configuring columns and headers, and using grids with callbacks.

JavaScript and Dash AG Grid — Learn how to create custom JavaScript functions and components for your

Reference — Reference documentation for Dash AG Grid.

Columns

Column Definitions — Column definitions and the different ways to define them for a grid.

Updating Column Definitions — How to update column definitions after they've been initially set.

Column State — How to work with the state of columns in a grid.

Column Headers — Configuring headers for a column and how to enable sorting and filtering for a column.

Column Groups — Having multiple levels of columns in your grid's headers.

Column Sizing — Sizing the grid's columns.

Column Moving — Moving the grid's columns, including examples of locking columns and moving animation.



Cell Data Types — How to use cell data types in Dash AG Grid.

Column Pinning — Pin columns to the left and right and lock pinning.

Column Spanning — Configure the width of columns in the grid.

Rows

Row IDs — How the grid assigns IDs.

Row Sorting — How to enable and use sorting in the grid.

Row Spanning — Cells spanning multiple rows.

Full Width Rows — How to create full width rows.

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Row Height — Configure the height of grid rows.

Row Dragging — Rearrange rows in the grid.

Row Dragging - External Dropzone — Drag and drop rows in an external dropzone (including grid to grid).

Layout and Style

Themes — How to use themes with your grid.

Styling Color and Font — Update the fonts and colors of text in the grid.

Styling Selections — Control how selected rows and cells appear.

Styling Headers — Style grid header cells and column groups.

Styling Borders — Control the style of borders around rows, cells and UI elements.

Compactness — Add more white space or pack more data into the UI.

Custom Icons at Global Level — Provide custom icons at global level.

Styling Inputs and Widgets — Styling text inputs, checkboxes, toggle buttons and range sliders.

Styling Menus and Popups — Style UI elements that float above the main UI, including menus.

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Custom Icons at Grid and Column Level — Provide custom icons at grid/column level.

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Printing — Use the grid's print layout feature to create printer-friendly grids.

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Row Model Overview — An overview of row models.

Client-Side Row Model — Client-Side row model in Dash AG Grid.

Infinite Row Model (Server-Side) - Using the grid's infinite row model.

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Cell Selection - Trigger callbacks by clicking on a cell and disable cell focus.

Cell Text Selection — Enabling regular text selection.

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Row Selection With Checkboxes - Adding checkboxes to a grid for row selection.



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Filtering Overview — Overview of filtering in Dash AG Grid.

Column Filters - Overview — Filters applied to a grid's data at the column level.

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Column Filters - Number Filters — Filter number values.

Column Filters - Date Filters — Filter date values.

Column Filters - Filter Conditions — Filter Conditions in Dash AG Grid.

Column Filters - Applying Filters — Applying Filters in Dash AG Grid.

Column Filters - Floating Filters — Filters that appear under the column headers.

Filter Model & Dash Callbacks — Capturing the state of filters to use in a Dash callback.

Quick Filters — Apply a quick filter that filters across the row.

External Filter — Apply an external filter that filters across the row.

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Value Getters — Use value getters as an alternative to field columns to get data.

Value Formatters — Customize how values are displayed.

D3 Value Formatters — Use the d3-format library for formatting values.

Custom Function Value Formatters — Creating your own functions to format values.

Cell Rendering — Customize the cell rendering in Dash AG Grid.

Flashing Cells — How to flash cells to highlight data changes in Dash AG Grid.

Tooltips — Add tooltips to the grid.

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Cell Editing — Enabling cell editing for a column.

Editing and Callbacks — Access edited data in a callback.

Start/Stop Cell Editing — Different ways that cell editing can be started and stopped.

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Provided Cell Editors — Cell editors available to use with the grid.

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Scrolling Performance — Improve The Grid Scrolling Performance.

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Sparklines — Mini charts you can add to your grid.

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