5 Widget Concepts, Script APIs, and Usages

In analytics designer, widgets are UI elements and can be inserted onto the Canvas. There is a wide variety of widgets available. They range from basic widgets like button, text, shape, image, dropdown, checkbox group, radio button group, to data-bound ones like Table, Chart, Geo Map, and further to custom widgets built by partners and customers.

Once you've added a widget to the Canvas, you can then use its *Builder* panel, *Styling* panel, and Action Menu to configure its styling and runtime behavior, and even write script to configure how it interacts with other widgets.

If you need more information about any script API in analytics designer, you can read through the API Reference document which you can open from the help portal:

https://help.sap.com/doc/958d4c11261f42e992e8d01a4c0dde25/latest/en-US/index.html

5.1 Basic Widget Concepts

5.1.1 Supported Widgets

All widgets available in stories are available in analytics designer:

- Table
- Chart
- Filter Line
- Image
- Text
- Clock
- Shape
- Geo Map
- Web Page

Other widgets are available, such as:

- Dropdown
- Radio button group
- Checkbox group
- Button

Widgets can also be

- Custom-made by partners and customers

or belong to other varieties like a web page or a clock

5.1.2 Custom Widgets

You can create your own widgets with the Custom Widget SDK, which lets you extend the predefined set of widgets provided by analytics designer.