

Extending Yellowfin

Yellowfin provides a number of opportunities for developers to extend out of the box functionality using the plug-in framework. This allows for the creation of custom Data Transformation (ETL) steps, connectors to third-party API data sources, advanced functions for implementing custom calculations on top of a report data-set, the ability to create custom widgets for the Dashboard Canvas, custom data formatters and connectors and more.

Start here by reading an overview of the plug-in framework: [Plugin Development Basics](#).

Read about each area of functionality in the following sections:

Custom Data Source Connectors

Create custom third-party connectors to extract data from a data source. [Learn More](#)

Custom Advanced Functions

Create your own advanced functions to be used in Yellowfin reports. [Learn More](#)

Custom Formatters

Use this guide to create your own custom formatters. [Learn More](#)

Custom Data Type Converters

Code your own data type converters with the help of this manual. [Learn More](#)

Custom Transformation Widgets

Build your own ETL widgets to be used in Yellowfin's Data Transformation module. [Learn More](#)

Generic Configuration UI

This section provides information on a generic API for configuration and persistence to plug-ins. [Learn More](#)

Data Science Integration

Integrate your PMML, PFA, R, and [H2O.ai](#) data science models into Yellowfin. [Learn More](#)