

# Custom Advanced Functions

This guide will teach you how to create your own advanced functions and use them in reports.

## Overview

Advanced functions allow you to perform operations on top of report data after the primary SQL query has been run, unlike a calculated field, which is added to the report's SQL statement. Functions can range from simple mathematical calculations and text manipulation, to more complex API calls with user input parameters.

## Guide Contents

This guide is broken into the following sections:

- **Basics:** The basic process of creating a custom advanced function for Yellowfin reports. Start here if you are new to coding Yellowfin plug-ins.
- **Advanced function creation:** The core methods required to code the function.
- **Parameter set up:** Provide user input parameters such as radio buttons and drop down menus.
- **Dependent parameter display:** Create dynamic interfaces by expanding upon the basic user input parameters.
- **Data access and modification:** Use values from other columns, then return a customized result set.

For further reference, see the advanced function [appendix](#).

**Next topic:** [Advanced function basics](#)