

*Infinite*   
*Campus*

Infinite Campus University



# **Ad Hoc Series 2**

## **Functions, Formatting, and Logical Expressions**

Erin Drew  
Training Specialist

simple || powerful

## Agenda

- Adding Functions
- Using Logical Expressions
- Output Formatting
- Grouping and Aggregation

## Functions

- Constant
- Coalesce
- Concatenate
- Add / Subtract
- Multiply / Divide
- Record Count
- Distinct Count
- Min / Max
- Sum
- Average

## Constant

- Outputs a Constant Value entered on each record returned when the filter is exported

## Coalesce

- Defines a group of fields for Ad Hoc to check
- If the first field is blank (NULL) it will move on to the next one in the list until it finds data to report

## Concatenate

- Combines multiple field values into one record in the order that you select them

## Record Count

- Counts the number of records that contain the specified information

## Distinct Count

- Counts the number of unique values contained in a field

## Min / Max

- Returns the smallest or largest value contained in a field

## Sum

- Totals the numeric values found in a specific field

## Average

- Finds the mean value found in a specific field

## Logical Expressions

1. Group the parameters
2. Put groups in ( )
3. Show how your ( ) groups are related to each other

## Logical Expressions

Show how your ( ) groups are related to each other

(3 and 4) **OR** (5 and 6)

## Grouping and Aggregation

- Allows users to group fields into sections and report specific aggregates / sub-totals for each section