**Row and Column Functions**

**Row Functions**

**User & Date/Time Functions – no parameters**

CurrentUser() – Name of the user ID for current session

Now() – Current date and time

Date() – Current date, no time

Time() – Current time, no date

**Null Conversion**

nz(*col\_name*[, *replacement\_value*]) – converts any null values in col\_name to replacement\_value.

Note: replacement\_value can be an expression, replacement\_value is optional. If not used, numbers will be converted to zeros, other fields to zero-length strings.

**Datatype Conversions**

CStr(*value\_or\_col\_name*) – converts a number or date to a string of characters.

CDate*value\_or\_col\_name*) – converts a number or character string to a date.

CInt(*value\_or\_col\_name*) – converts a character string to an integer value.

CDbl(*value\_or\_col\_name*) – converts a character string to a double (number).

(More number conversion functions are available in Access, but not needed for this class.)

**Column Functions**

**Text, Number, and Date Datatypes**

max(*col\_name*) – returns the maximum value of data found in column.

min(*col\_name*) – returns the minimum value of data found in column.

count(\*) – returns the total number of rows in a table.

count(*col\_name*) – returns the number of non-null values found in a column.

**Numeric Datatypes Only**

sum(*col\_name*) – returns the sum of all non-null values found in column.

avg(*col\_name*) – returns the average of all non-null values found in column.

stdev(*col\_name*) – returns the standard deviation of all non-null values found in column.

var(*col\_name*) – returns the variance of all non-null values found in column.