

# Qlikview 10 Functions CheatSheet

*Italic=Script only*   Underline=Chart only

<b>Basic</b>	
Conditional	Type Class
If	IsNum
Alt	IsText
	IsNull
Constants	Value Class
Null	Pick
True	Match
False	MixMatch
E	WildMatch
Pi	Class

<b>String</b>		
Size	Position	Filters
Len	Index	KeepChar
SubstringCount	FindOneOf	PurgeChar
Conformers	Slice & Dice	Other
Upper	Left	Replace
Lower	Right	Repeat
Capitalize	Mid	ApplyCodepage
LTrim	Subfield	Ord
RTrim	TextBetween	Chr
Trim		<u>Info</u>

<b>Mapping</b>	<b>Hash</b>
<i>(script only)</i>	<i>(script only)</i>
<i>ApplyMap</i>	<i>Hash128</i>
<i>MapSubstring</i>	<i>Hash160</i>
	<i>Hash256</i>
<b>Conversion</b>	
Text-to-Value	Value-to-Text
Num#	Num
Money#	Money
Date#	Date
Time#	Time
Timestamp#	Timestamp
Interval#	Interval
<i>Dual</i>	Text

<b>Mathematical</b>																
Classifiers	Int. Arith.	Rounding	Combinatorial	Other	Financial											
Even	Div	Ceil	Fact	Fabs	BlackAndSchole	Pv										
Odd	Mod	Floor	Combin	Bitcount	Pmt	Nper										
Sign	Fmod	Round	Permut	Rand	Fv	Rate										
	Frac															
Base	Exponential				Trigonometric				Hyperbolic			Statistical				
	Exp	Pow	Sqr	Sqrt	Sin	Cos	Tan	Sinh	Cosh	Tanh	ChiDist	NormDist	TDist	FDist		
Inverse	Log				Log10	Asin	Acos	Atan	Atan2				ChiInv	NormInv	TInv	FInv

<b>Color</b>						
Predefined Names						
<u>Black</u>	<u>Red</u>	<u>Green</u>	<u>Blue</u>	<u>Cyan</u>	<u>Magenta</u>	<u>Brown</u>
<u>DarkGray</u>						
<u>QlikTechGray</u>			<u>QlikTechBlue</u>			
<u>LightGray</u>	<u>LightRed</u>	<u>LightHreen</u>	<u>LightBlue</u>	<u>LightCyan</u>	<u>LightMagenta</u>	<u>Yellow</u>
<u>White</u>						
Generators				Mixers		
<u>RGB</u>	<u>ARGB</u>	<u>HSL</u>	<u>ColormapJet</u>	<u>ColormapHue</u>	<u>Colormix1</u>	<u>Colormix2</u>
Predefined						
<u>Color</u>						
<u>Syscolor</u>						

## Date & Time

Granularity	Parsers	Tests	Date Arithmetic	Duration	System	Other
	These take a single date or time parameter and return a specific aspect of it.	There return a true/false value	These function take a date/time parameter and return a date/time.			
<b>Second</b>	Second					
<b>Minute</b>	Minute					
<b>Hour</b>	Hour					
<b>Time</b>			ConvertToLocalTime		Now LocalTime GMT UTC Daylightsaving	MakeTime
<b>Day</b>	Day Weekday	InDay InDayToTime	DayStart DayEnd		Today	DayNumberOfYear DayNumberOfQuarter DayName MakeDate
<b>Workday</b>			FirstWorkDate LastWorkDate	NetWorkdays		
<b>Week</b>	Week	InWeek InWeekToDate InLunarWeek InLunarWeekToDate	WeekStart WeekEnd			WeekName MakeWeekDate
<b>LunarWeek</b>			LunarWeekStart LunarWeekEnd			LunarWeekName
<b>Month</b>	Month	InMonth InMonthToDate	AddMonths MonthStart MonthEnd SetDateYearMonth			MonthName
<b>Multi-month</b>		InMonths InMonthsToDate	MonthsStart MonthsEnd			MonthsName
<b>Quarter</b>		InQuarter InQuarterToDate	QuarterStart QuarterEnd			QuarterName
<b>Year</b>	Year	InYear InYearToDate YearToDate	YearStart YearEnd SetDateYear	Age		YearName WeekYear
<b>Timezone</b>					Timezone	

# Aggregate & Range

Aggr

## General

	Aggregate			Range	
	Numeric	String	Input	Numeric	String
<b>Counters</b>	Count NullCount MissingCount			RangeCount RangeNullCount RangeMissingCount	
	NumericCount	TextCount		RangeNumericCount	RangeTextCount
<b>Only</b>	Only			RangeOnly	
<b>Rank</b> <i>(Italic = Script only)</i>	Min Max FirstSortedValue	MinString MaxString <i>FirstValue</i> <i>LastValue</i>		RangeMin RangeMax	RangeMinString RangeMaxString
<b>Total</b>	Sum	Concat	InputSum	RangeSum	(& operator)

## Descriptive Statistics

	Aggregate		Aggregate - Input	Range	
	First Moments	Higher Order Moments	First Moments	First Moments	Higher Order Moments
<b>Single variable</b>	Avg Mode Median Correl	Stdev Sterr Fractile Skew Kurtosis	<u>InputAvg</u>	RangeAvg RangeMode  RangeCorrel	RangeStdev  RangeFractile RangeSkew RangeKurtosis
<b>Double variable</b>	Linest_m Linest_b	Steyx Linest_r2 Linest_sem Linest_seb Linest_sey Linest_df Linest_f Linest_ssreg Linest_ssresid			

## Statistical Tests

	Normal		Student's t				$\chi^2$
	Unweighted	Weighted	1 sample		2 sample		
			Unweighted	Weighted	Unweighted	Weighted	
<b>Base</b>	ZTest_z	ZTestw_z	TTest1_t	TTest1w_t	TTest_t	TTestw_t	Chi2Test_chi2
<b>Degs of Freedom</b>			TTest1_df	TTest1w_df	TTest_df	TTestw_df	Chi2Test_df
<b>Significance</b>	ZTest_sig	ZTestw_sig	TTest1_sig	TTest1w_sig	TTest_sig	TTestw_sig	Chi2Test_p
<b>Diff of Means</b>	ZTest_dif	ZTestw_dif	TTest1_dif	TTest1w_dif	TTest_dif	TTestw_dif	
<b>Std Err for diff of means</b>	ZTest_sterr	ZTestw_sterr	TTest1_sterr	TTest1w_sterr	TTest_sterr	TTestw_sterr	
<b>Confidence int.</b>	ZTest_conf	ZTestw_conf	TTest1_conf	TTest1w_conf	TTest_conf	TTestw_conf	
<b>Lower end of confidence int.</b>			TTest1_lower	TTest1w_lower	TTest_lower	TTestw_lower	
<b>Upper end of confidence int.</b>			TTest1_upper	TTest1w_upper	TTest_upper	TTestw_upper	

## Financial

	Aggregate		Range	
	Periodic	Scheduled	Periodic	Scheduled
<b>Internal Rate of Return</b>	Irr	XIrr	RangeIrr	RangeXIrr
<b>Net Present Value</b>	Npv	XNpv	RangeNpv	RangeXNpv

## Report & Doc

Documents	Reports
<i>DocumentName</i>	ReportComment
<i>DocumentPath</i>	ReportName
<i>DocumentTitle</i>	ReportId
	ReportNumber
	NoOfReports

## Data Structure

Tables	Fields	Rows
<i>NoOfTables</i>	<i>NoOfFields</i>	<i>NoOfRows</i>
<i>TableName</i>	<i>FieldName</i>	
<i>TableNumber</i>	<i>FieldNumber</i>	

## Chart Design

<u>GetObjectField</u>	

## Inter-Record

Tables	All Charts	Pivot Charts
<i>Exists</i>	<u>NoOfRows</u>	<u>NoOfColumns</u>
<i>Peek</i>	<u>RowNo</u>	<u>ColumnNo</u>
<i>Lookup</i>	<u>Dimensionality</u>	<u>SecondaryDimensionality</u>
<i>Previous</i>	<u>Above</u>	<u>Before</u>
FieldIndex	<u>Below</u>	<u>After</u>
FieldValueCount	<u>Top</u>	<u>First</u>
FieldValue	<u>Bottom</u>	<u>Last</u>
	<u>Rank</u>	<u>Hrank</u>

## User State

Group Selection	Field Selection
<u>GetCurrentField</u>	<u>GetCurrentSelections</u>
	<u>GetFieldSelections</u>
	<u>GetSelectedCount</u>
	<u>GetPossibleCount</u>
	<u>GetExcludedCount</u>
	<u>GetAlternativeCount</u>
	<u>GetNotSelectedCount</u>

## File System

Folder	File		
<i>GetFolderPath</i>	<i>FileName</i>	<i>FilePath</i>	<i>FileSize</i>
<i>DirList*</i>	<i>FileBasename</i>	<i>FileDir</i>	<i>FileTime</i>
<i>FileList*</i>	<i>FileExtension</i>		<i>Attribute</i>

\*These are only usable in the context of a for each loop.

## QVD

QVD	
<i>QvdCreateTime</i>	<i>QvdNoOfRecords</i>
<i>QvdTableName</i>	<i>QvdNoOfFields</i>
	<i>QvdFieldName</i>

## ODBC

SQL
<i>ConnectionString</i>
<u>SqlValue</u>

## System

OSUser
QVUser
ComputerName
GetRegistryString

## QlikView Context

QlikViewVersion
ReloadTime
<i>IsPartialReload</i>
<i>Evaluate</i>
<i>MsgBox</i>
<i>Input</i>
<u>GetActiveSheetID</u>