

Important VBA Keywords Cheat Sheet

Control Flow Keywords

If, Then, Else, Elseif, End If - Conditional logic
Select Case, Case, End Select - Multi-way branching
For, Next - Counted loop
For Each, Next - Loop through a collection or array
Do, Loop, While, Until - Conditional loop
Exit For, Exit Do - Exit loops early
GoTo - Jump to a labeled line (use sparingly)

Error Handling

On Error GoTo [Label] - Start error handling block
Resume - Resume code after error
Err - Built-in object for error information

Variable and Data Declaration

Dim - Declare a variable
As - Define data type
Const - Declare a constant
Set - Assign object references
Static - Variable that retains value between calls

Data Types

Integer - Whole numbers
Long - Larger whole numbers
Double - Decimal numbers
String - Text values
Boolean - True/False values
Variant - Generic data type
Object - Any object reference

Procedures

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Sub - Start a subroutine (no return)

Function - Start a function (returns value)

Call - Call a subroutine

Exit Sub / Exit Function - Exit early

Excel/Objects

Range - Refers to Excel cell(s)

Cells - Refers by row and column

Worksheets - Refers to sheets

Workbook - Refers to the Excel file

ActiveCell, Selection - Currently selected cell(s)

Application - Excel application object

Logical/Boolean

And, Or, Not - Logical operators

True, False - Boolean values

Other Useful Keywords

With, End With - Simplify repetitive object code

MsgBox - Display a message box

InputBox - Prompt user input

Option Explicit - Force variable declarations