
VBA - PUBLIC VARIABLES (SHORT)

PUBLIC VARIABLES

Declared at top of module with Public
Available in any module, Sub, or Function
Entire VBA project can access

Declaration:

```
Public userName As String
```

Example:

```
' At top of module
Public userName As String
```

```
Sub SetUserName()
   (userName = "Akshay Dhomase"
End Sub
```

```
Sub DisplayUserName()
    MsgBox "Welcome, " & userName
End Sub
```

Result:

- Both Subs share same userName
 - Any module can use userName
 - Any Sub can access/change
 - Available everywhere
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SCOPE COMPARISON TABLE

Scope	Where	Available To
Local	Inside Sub	Only that Sub
Private	Top module	All Subs in module
Public	Top module	Entire project

KEY POINTS

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- ✓ Declared with Public at module top
 - ✓ Available everywhere in project
 - ✓ All modules can access
 - ✓ All Subs can access
 - ✓ Can be changed from anywhere
 - ✓ Use rarely (can cause confusion)
 - ✓ Less secure than Private
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