

## 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

### 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

- ✓ 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