

# Tool #3: Azure Virtual Machine Management Menu

---



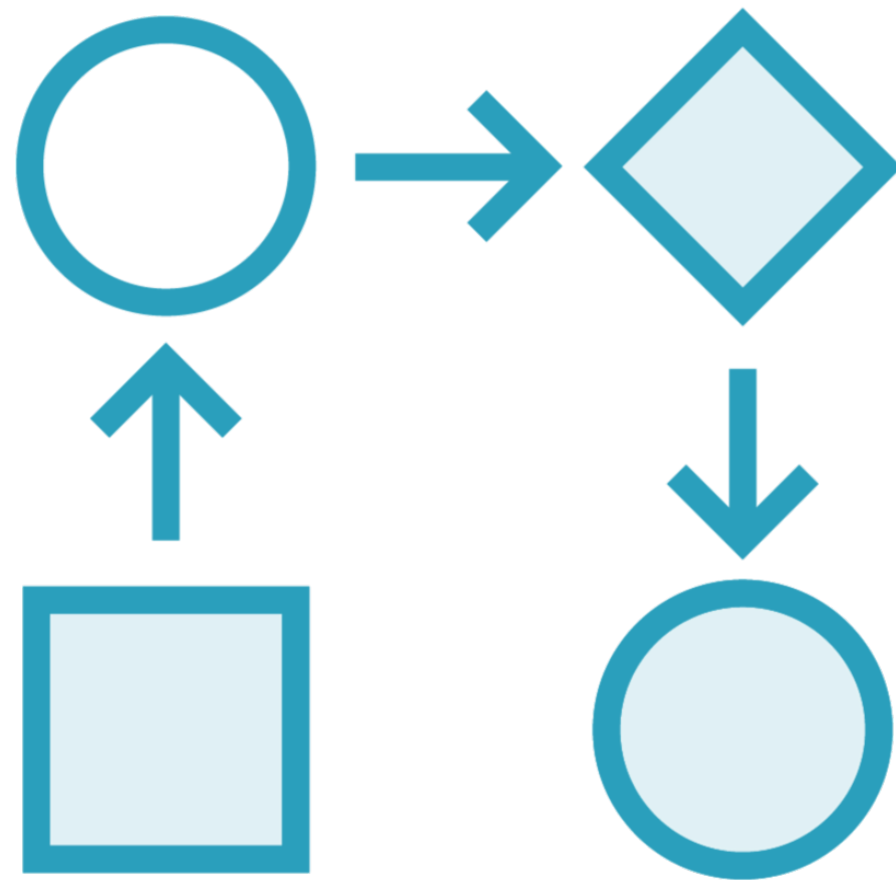
**Adam Bertram**

Microsoft MVP

[adamtheautomator.com](http://adamtheautomator.com) | Twitter: @adbertram



# Workflow Overview



1. Build an interactive menu system.
2. Build the menu options.
3. Build the code the menu executes.
4. Test it out.



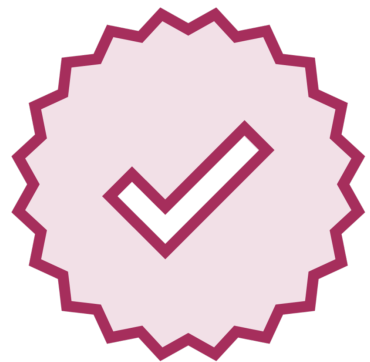
# Prerequisites



**A Microsoft Azure subscription**



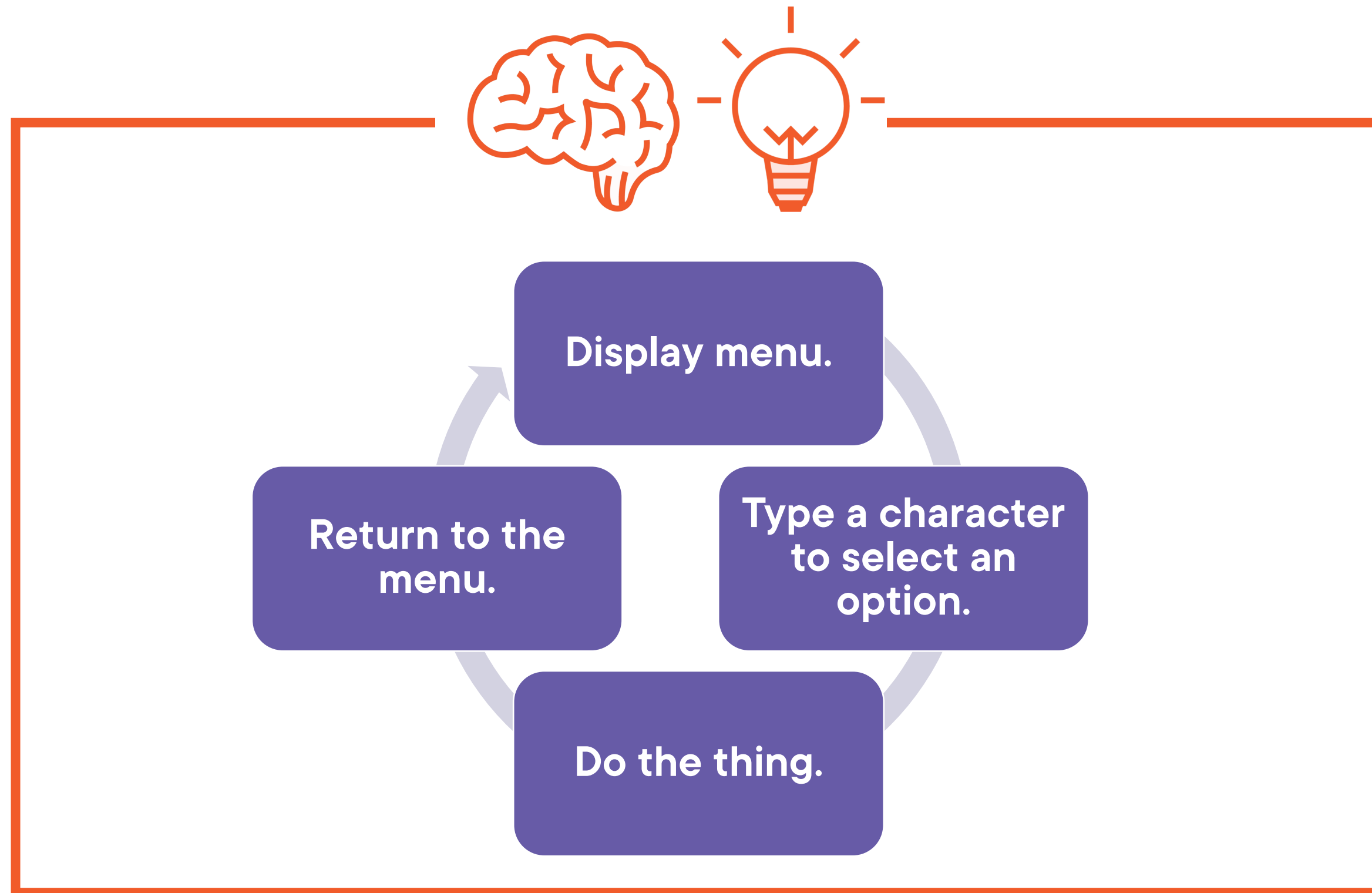
**At least two Microsoft Azure virtual machines**

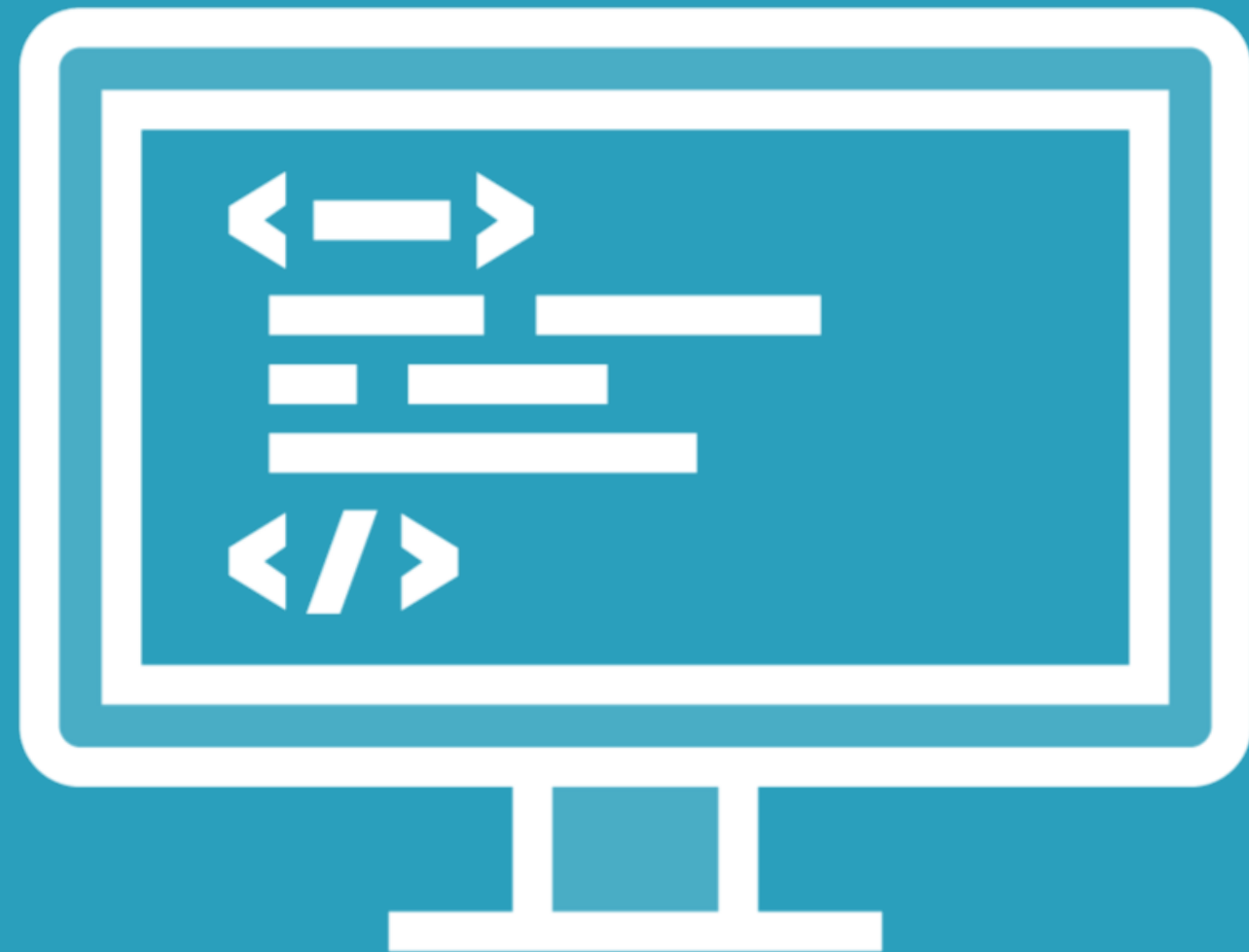


**Connected to Azure subscription with the Az PowerShell module**



# Defining the Workflow





# The Menu

Display the menu

Make the menu interactiv



# Menu Options

**Code abstraction**

**Set an Azure  
subscription**

**List Azure VMs**

**Start Azure VMs**

**Stop Azure VMs**

**Quit the script**



# Testing



**“Last mile” testing**

**Critical for initial results**

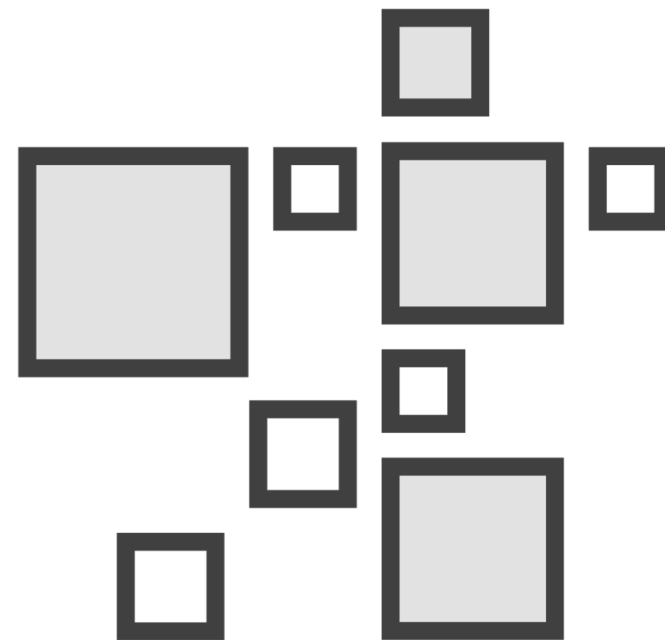
**Test common scenarios**

**Don't overdo it**

# Takeaways



**Start broad.  
Add detail over time.**



**Build flexible tools.**



**Testing is important,  
but don't overdo it!**



# Summary



**Menu-based actions**

**Mode abstraction**

**Take this menu and apply it elsewhere!**

