Contents

[Training Content for Basic PowerShell 1](#_Toc14585)

[PowerShell 1](#_Toc16003)

[Day 1 1](#_Toc30963)

[Module 1: Introduction 1](#_Toc2983)

[Module 2:Variables 1](#_Toc25586)

[Module 3: Pipeline 2](#_Toc26251)

[Module 4:Loops and conditions 2](#_Toc17986)

[Day 2: 2](#_Toc4807)

[Module 5:Functions 2](#_Toc17329)

[Module 6:Exception handling 2](#_Toc8503)

[Module 7:Regular expressions 2](#_Toc23750)

[Module 8:Introduction to WMI 3](#_Toc32483)

[Module 9: Project 3](#_Toc26275)

# Training Content for Advanced PowerShell

## PowerShell

## Day 1

### Module 1: Introduction

* Introduction to PowerShell
* System Commands
* History
* Installation
* ISE
* Security- Execution Policy

### Module 2:Variables

* Keyword Variables
* Arrays
* HashTable
* Enum and structures

### Module 3: Pipeline

* By Value
* By Property
* New Column Name

### Module 4:Loops and conditions

* If then
* for
* foreach
* switch
* do
* while

## Day 2:

### Module 5:Functions

System Functions

Parameters

Call By Value and Call by Reference

Math Functions

.NET Functions

Nuget Packages

### Module 6:Exception handling

Exception Types

ErrorAction

try catch

throw

### Module 7:Regular expressions

Pattern Match

Substitution

Validation

### Module 8:Introduction to WMI

WMIObject

Remoting

Querying

Monitoring/Events

### Module 9: Project