**Advanced Intune Automation Training Syllabus**

**Module 1: Introduction to Intune**

* Overview of Microsoft Intune
* Key Features and Benefits
* Device Management Capabilities
* Integration with Other Microsoft Services

**Module 2: Basics of PowerShell**

* Introduction to PowerShell
* PowerShell Commands and Scripting
* Commonly Used Cmdlets for Intune
* Automating Tasks with PowerShell

**Module 3: Introduction to Microsoft Entra**

* Overview of Microsoft Entra (Azure Active Directory)
* Identity and Access Management
* Integration with Intune
* Role-Based Access Control (RBAC)

**Module 4: Intune Automation with PowerShell**

* Setting Up PowerShell for Intune
* Connecting to Intune with PowerShell
* Automating Policy and Configuration Management
* Automating App Deployment and Management

**Module 5: Introduction to Microsoft Graph API**

* Overview of Microsoft Graph
* Authentication and Authorization
* Key Endpoints and Resources
* Querying Data with Microsoft Graph API
* Understanding the Microsoft Graph API

**Module 6: Setting Up Your Development Environment**

* Installing Required Tools and SDKs
* Setting Up Authentication (OAuth 2.0)
* Registering Your Application in Azure AD

**Module 7: Basic Operations with Microsoft Graph**

* Making API Requests (REST and SDKs)
* Querying Data (Filtering, Sorting, Paging)
* Handling Responses and Errors

**Module 8: Working with Users and Groups**

* Retrieving User Information
* Managing User Accounts
* Working with Groups and Members

**Module 9: Intune Automation with Microsoft Graph API**

* Setting Up Microsoft Graph API for Intune
* Authenticating to Microsoft Graph API
* Automating Device Management with Microsoft Graph
* Automating Policy Configuration with Microsoft Graph
* Automating App Management with Microsoft Graph

**Module 10 : Advanced Intune Automation Scenarios**

* Custom Automation Scripts
* Scheduling and Monitoring Automation Tasks
* Best Practices for Intune Automation
* Troubleshooting Automation Issues

**Module 11: Microsoft Graph Connectors**

* Overview of Microsoft Graph Connectors
* Setting Up and Configuring Connectors
* Data Ingestion and Indexing
* Connecting External Data Sources
* Customizing and Managing Connectors

**Module 12: Hands-On Labs and Exercises**

* Practical Exercises with REST API
* Practical Exercises with SDKs
* Real-World Scenarios and Solutions
* Q&A Sessions and Group Discussions

**Module 13 : Conclusion and Q&A**

* Recap of Key Concepts
* Best Practices and Tips
* Q&A Session
* Additional Resources and References