**POWERSHELL**

**Basic Fundamentals**

* Used in **Windows servers** and **cloud-based** enterprises.
* **cmdlets:** Commands
* Enables low-level access to OS.

**Course Overview**

* Powershell is a **scripting** language.
* It is used for writing, testing and debugging scripts.
* Extension is **.ps1**
* ***get-help***  (instructs for writing commands & parameters)

**Environmental Setup**

* ***$psversiontable*** (gives version info)
* Powershell can be downloaded from Microsoft’s website.
* ***get-hotfix***  (get update history)

**Command Let - cmdlet**

* **Lightweight** command, and **different** from command.
* Are basically **.NET objects**.
* Easily creatable with few lines of codes.
* **Windows Powershell Runtime:** Manages error and memory.
* **Text stream:** Text displayed in editors.
* **Pipelining:** Storing and executing instructions.
* Cmdlet can interpret only one object at a time.

**Files & Folders**

*New-Item -Path ‘D:\temp\Test’ -ItemType Directory*