

Perl Scripting

Duration: 30 Hours

Fees: Rs 8,000/-

Prerequisites

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Course Content

Day1

- Write first hello world script in Perl.
- Post Mortem of Perl scripts.
- How to Store values?
- Scalar, Array, Associative arrays
- Arithmetic operations in Perl
- Basic scalar, array and hash functions.
- Context in Perl
- Assignments/Programs

Day2

- Day 1 - Recap
- Introductions of Statements
- Introduction of loops.
- Default variables
- Variable scoping
- Control your loops
- Introductions of subroutines
- Assignments/Programs

Day3

- Day 2 - Recap
- Basic I/O
- File I/O
 - Open /close a file
 - Reading from a file
 - Writing on to a file
- File handling library functions
- Directory Handlers
- Directory Manipulation Functions
- Assignments/Programs

Day 4

- Regular Expressions
- Matching, Substitutions, Translations.
- Regular Expressions Wildcards
- Modifiers and Quantifiers
- Non Greedy Regular expressions
- Map and grep functions
- Assignments/Programs

Day 5

- BEGIN and END blocks
- Exceptions Handling in Perl
- Introductions of References
- Data Structures
- Signal handlers
- Environment variables
- Quotations

Day 6

- OOPS Concept
- Write your package in Perl.
- @INC, %INC Variables
- Use and require pragma
- Anonymous variables.
- Data Structure using Anonymous variables.
- Create a class constructor.
- Create an object of the class.

Day 7

- Exporter module
- Inheritance in Perl
- Sub packages
- CPAN module installation
- Use CPAN module
- Examples: DBI, spreadsheet, MIME etc.
- Perl debugger