**Developing Web Applications with Flask**

**Duration:** 2 days

**Overview**

Flask Training: Developing Web Applications with Flask course teaches Python developers to create professional web applications with the Flask micro-framework.

**Prerequisites**

All attendees must have basic Python programming skills and an understanding of HTML fundamentals.

**Materials**

All attendees receive comprehensive courseware and a textbook.

**Software Needed on Each Student PC**

* Any Windows, Linux, or macOS operating system
* Python 3.x installed with PIP 3
* Git (Optional)
* A text editor or IDE (VS Code or PyCharm Community Edition recommended)

**Objectives**

* Create complete Flask applications
* Work with session data
* Design Jinja templates
* Integrate a SQLite database
* Test and debug Flask applications

**Outline**

**DAY-1 (Basics + Simple Web Applications)**

* Introduction to Web Applications (MVC)
* Flask Installation
* Create First Flask Application
* Create Routes

**DAY-2 (Create Web Applications + Try Web Apps from GitHub)**