Visual Studio 2022 Fundamentals

Overview: Introduction to Visual Studio 2022. By the end of this 1-day course, participants will have a solid foundation in using Visual Studio 2022 for their development projects. They will be familiar with the installation process, basic IDE navigation, code editing and debugging, collaboration tools, new features, and tips for effective development

Duration: 1 Day

Course Content	
Module 1:	Introduction to Visual Studio 2022 • Overview of Visual Studio 2022 and its significance • Installation and system requirements • Introduction, Features, Editions - Visual Studio 2022 • Install Visual Studio 2022 on Windows machine
Module 2:	Getting Started with Visual Studio 2022 • Introduction to the Visual Studio IDE • Creating a new project • Exploring the project structure • Basic IDE navigation and customization
Module 3:	Working with Code in Visual Studio 2022 • Understanding the code editor • Code formatting and IntelliSense • Debugging and breakpoints • Setup and Run C# Console Application on VS 2022 • Setup and Run ASP.NET on VS 2022 • Setup and Run Python on VS 2022 • Setup and Run C++ on VS 2022
Module 4:	Extending Visual Studio 2022 • Introduction to Visual Studio extensions • Exploring the Visual Studio Marketplace • Installing and utilizing popular extensions for enhanced productivity • Managing NuGet Packages
Module 5:	Tips and Tricks for Effective Development • Enable Dark Theme on VS 2022 • Change font size of text editor on VS 2022 • Change font family of Text Editor on VS 2022 • Set Word Wrap on VS 2022 • Change startup item on VS 2022 • Time-saving shortcuts and productivity hacks • Introduction to Git integration and version control • Publishing applications for various platforms and environments • How to update Visual Studio