

# SharePoint Development 2019 On-Premise - Modern Course

Barcelona (Spain)

28 October - 1 November 2024



www.blackbird-training.com



# SharePoint Development 2019 On-Premise - Modern Course

Code: IT28 From: 28 October - 1 November 2024 City: Barcelona (Spain) Fees: 4700 Pound

#### Interaction:

- Lectures: Detailed presentations covering core concepts.
- Hands-On Labs: Practical exercises to apply learned skills.
- Discussions: Interactive Q&A sessions to deepen understanding.
- Group Activities: Collaborative projects to enhance learning through teamwork.
- Assessments: Quizzes and assignments to evaluate progress.

### **Objectives:**

- Understand the architecture and capabilities of SharePoint 2019 On-Premise.
- Develop and deploy modern SharePoint solutions.
- Customize SharePoint sites using modern web technologies.
- Integrate SharePoint with other enterprise systems.
- Implement security best practices in SharePoint development.

#### **Outline:**

### Day 1: Introduction to SharePoint 2019

- Overview of SharePoint 2019 On-Premise
- SharePoint Architecture and Components
- Introduction to SharePoint Development Tools
- Setting Up the Development Environment

### Day 2: Modern SharePoint Framework SPFx

- Introduction to SPFx
- Creating SPFx Web Parts
- Working with the SharePoint Workbench
- Deploying SPFx Solutions
- Hands-On Lab: Building Your First SPFx Web Part

#### **Day 3: Customizing SharePoint Sites**

- Modern Site Templates and Themes
- Using SharePoint REST API
- Client-Side Development with JavaScript and TypeScript

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- PowerApps and Flow Integration
- Hands-On Lab: Customizing SharePoint Sites

## **Day 4: Advanced SharePoint Development**

- Creating and Managing Site Collections
- Developing Extensions and Custom Actions
- Working with Document Libraries and Lists
- Using PnP Patterns and Practices Library
- Hands-On Lab: Advanced Development Techniques

### **Day 5: Security and Deployment**

- Implementing Security Best Practices
- Managing Permissions and Access Control
- Deploying SharePoint Solutions to Production
- Monitoring and Troubleshooting SharePoint
- Final Project: Building a Complete SharePoint Solution





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