**1. Overview**

GitHub Copilot is an AI-powered coding assistant that helps Salesforce developers increase productivity by generating context-aware code suggestions for Apex, Lightning Web Components (LWC), and other programming languages.

**2. How to Get GitHub Copilot**

**Steps to Obtain GitHub Copilot:**

1. **GitHub Account:**
   * Ensure you have an active GitHub account with the necessary permissions for the Warner Bros Discovery Org.
   * If needed, create an account at [GitHub](https://github.com/).
2. **Purchase Copilot Subscription:**
   * Go to [GitHub Copilot Pricing](https://github.com/features/copilot).
   * Choose the **Individual Plan** ($10/month or $100/year) or contact GitHub for **Business Plans** suitable for enterprise use.
3. **Corporate Approval:**
   * Verify with the IT or Procurement team that GitHub Copilot is authorized for use within Warner Bros Discovery.
4. **Activate GitHub Copilot:**
   * After subscription, enable Copilot under **Settings > Copilot** in your GitHub account.

**3. Minimum Requirements**

**Pricing**

| **Plan** | **Cost** | **Features** |
| --- | --- | --- |
| **Individual** | **$10/month or $100/year** | **1 user, supports all major IDEs, AI-driven code suggestions.** |
| **Business** | **Contact GitHub for pricing** | **Centralized management, enterprise-grade security, multi-user licensing.** |

**Salesforce Requirements:**

* Salesforce CLI installed on your system.
* Visual Studio Code configured with the Salesforce Extensions Pack.

**System Requirements:**

| **Component** | **Minimum Requirement** |
| --- | --- |
| **Operating System** | Windows, macOS, or Linux |
| **RAM** | Minimum 4 GB |
| **Processor** | Dual-core CPU or higher |
| **VS Code Version** | Latest version of Visual Studio Code |
| **GitHub Access** | An active GitHub account with Copilot subscription |
| **Network** | Stable internet connection |

**4. How to Install GitHub Copilot in VS Code**

**Steps to Install:**

1. **Install VS Code:**
   * Download and install [Visual Studio Code](https://code.visualstudio.com/).
2. **Install GitHub Copilot Extension:**
   * Open VS Code.
   * Navigate to the **Extensions Marketplace** (Ctrl+Shift+X or click the Extensions icon).
   * Search for **GitHub Copilot**.
   * Click **Install**.
3. **Sign in to GitHub:**
   * After installation, VS Code will prompt you to sign in with your GitHub account.
   * Log in using the account with an active Copilot subscription.
4. **Enable GitHub Copilot:**
   * Open the VS Code Command Palette (Ctrl+Shift+P).
   * Type Copilot: Enable and press Enter to activate Copilot.

**5. Post-Installation Configuration**

**Customize GitHub Copilot Settings:**

1. Go to **File > Preferences > Settings**.
2. Search for "Copilot" in the settings search bar.
3. Adjust configurations such as:
   * **Inline Suggestions:** Enable or disable inline suggestions.
   * **Language Preferences:** Prioritize Apex, JavaScript, or other languages for Salesforce development.
   * **Telemetry:** Adjust telemetry settings for privacy compliance.

**6. Using GitHub Copilot for Salesforce Development**

**For Apex Development:**

1. Open an .apex file or create a new one.
2. Start typing an Apex class or method, e.g.,:

public class AccountHelper {

public static void

1. GitHub Copilot will suggest completions such as:

public static void updateAccountDetails(Account acc) {

// Your logic here

}

**For Lightning Web Components (LWC):**

1. Open an .html, .js, or .css file in your LWC folder.
2. Begin typing standard LWC syntax or JavaScript, e.g.,:

javascript

export default class MyComponent extends LightningElement {

1. Copilot will suggest code snippets, boilerplate code, or custom methods based on context.

**7. Best Practices for Salesforce Development with Copilot**

1. **Review Suggestions:**
   * Always review the generated code for accuracy and alignment with Salesforce best practices.
   * Avoid accepting code that interacts with Salesforce APIs (like DML operations) without testing.
2. **Limit Sensitive Data Usage:**
   * Avoid typing sensitive org-specific data or queries to ensure data security.
3. **Test Code Thoroughly:**
   * Validate all generated code with unit tests before deploying to production.
4. **Adhere to Org Standards:**
   * Follow Warner Bros Discovery's Salesforce development guidelines for naming conventions, triggers, and bulk-safe operations.

**8. Troubleshooting**

**Common Issues:**

| **Issue** | **Solution** |
| --- | --- |
| GitHub Copilot not suggesting code | Ensure you're signed in to GitHub and Copilot is enabled in VS Code settings. |
| Extension installation fails | Check internet connectivity and ensure the Extensions Marketplace is accessible. |
| Inaccurate or irrelevant suggestions | Type more context-specific code or disable Copilot for non-relevant languages. |
| Security concerns with AI suggestions | Review all generated code thoroughly and avoid exposing sensitive org information. |

**Getting Help:**

1. **GitHub Support:** Visit [GitHub Support](https://support.github.com/) for technical issues.
2. **Internal Support:** Contact the Warner Bros Discovery IT Helpdesk for organizational-specific concerns.

**9. Key Benefits of GitHub Copilot**

* **Productivity Boost:** Generate boilerplate code and reduce repetitive typing.
* **Context-Aware Suggestions:** Understands the context of your Salesforce project for relevant completions.
* **LWC and Apex Ready:** Supports Salesforce-specific languages, accelerating development.