Module Eight

Learning Objective

By the end of this module, you will meet this learning objective:

☑ Describe how software testing automation improves efficiency

Module Overview

Congratulations! You made it to the last module in the course. In Module Eight, you will be learning about testing automation. This is the future of software testing. Software testing automation provides a framework whereby tests can be autogenerated on the basis of a specific requirement language. This approach makes it easier to verify and validate software requirements. In addition, this module will introduce you to the concept of continuous integration and continuous deployment. Continuous integration is the exercise of testing software early and for each code change. Continuous deployment takes the software artifacts tested in the continuous integration phases and deploys them to a staging or production environment.

Module at a Glance

This is the recommended plan for completing the reading assignments and activities within the module. Additional information can be found in the module Resources section and on the module table of contents page.

1 Review the Module Eight resources.

2 Post your initial response to this week's discussion (initial post due Thursday).

3 Complete the Module Eight journal by submitting an artifact to your GitHub portfolio.

4 Post peer responses to the discussion.