**Continuous Integration (CI)** is the practice of **automating the integration of code changes** from multiple contributors into a single software project. [It enables frequent merging of code into a central repository, where builds and tests are executed1](https://www.youtube.com/watch?v=h9K1NnqwUvE)[2](https://www.atlassian.com/devops/continuous-delivery-tutorials)[3](https://www.jenkins.io/doc/tutorials/).

Here are **five free resources** to learn more about Continuous Integration:

1. [**Atlassian’s CI/CD Tutorials**](https://www.atlassian.com/devops/continuous-delivery-tutorials): Explore practical guides to achieve CI/CD for streamlined software release processes[2](https://www.atlassian.com/devops/continuous-delivery-tutorials).
2. [**Jenkins Tutorials**](https://www.jenkins.io/doc/tutorials/): Learn how to build Java, Node.js, React, Python, and LabVIEW applications using Jenkins[3](https://www.jenkins.io/doc/tutorials/).
3. [**GitHub’s CI/CD Fundamentals**](https://resources.github.com/ci-cd/): Dive into the fundamentals of CI/CD[4](https://resources.github.com/ci-cd/).
4. [**Python Continuous Integration Tutorial**](https://realpython.com/python-continuous-integration/): Understand CI with Python and explore best practices[5](https://realpython.com/python-continuous-integration/).
5. [**Simplilearn’s CI/CD Full Course on YouTube**](https://www.youtube.com/watch?v=h9K1NnqwUvE): A comprehensive video course covering CI/CD concepts and implementation[1](https://www.youtube.com/watch?v=h9K1NnqwUvE).

Happy learning! 🚀