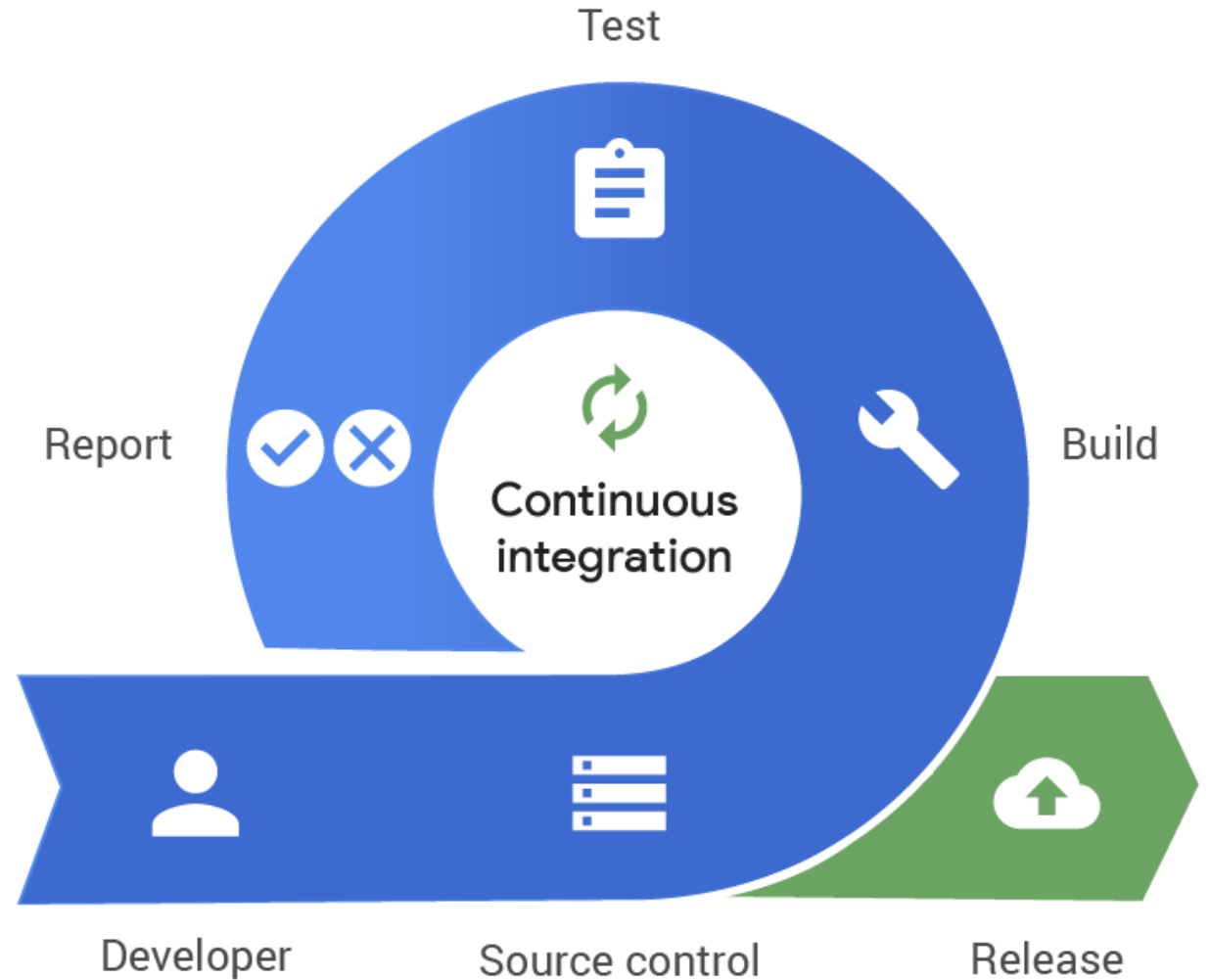




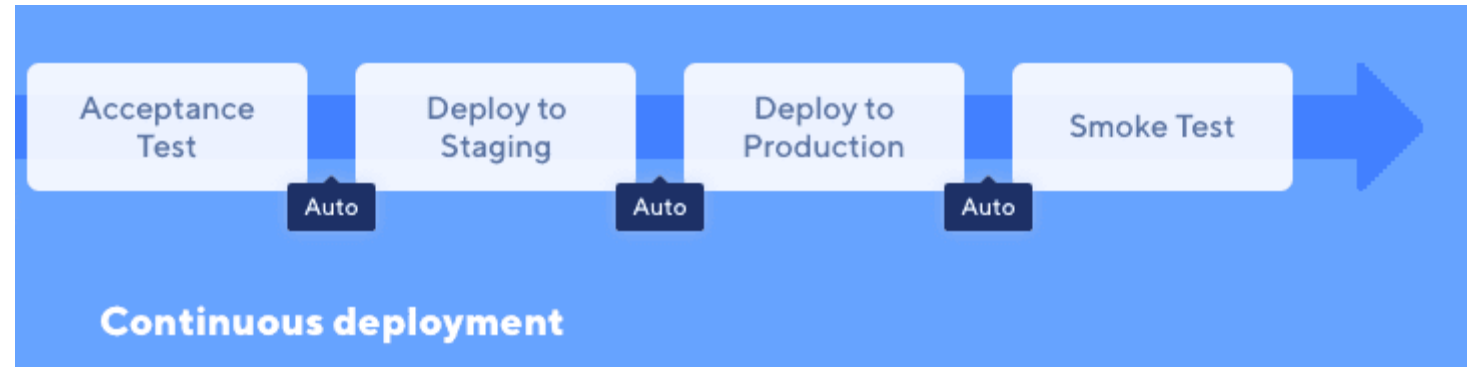
# CI: Continuous Integration:

- Is the practice of merging all developers' working copies to a shared mainline several times a day that triggers automated build with testing.



# CD: Continuous Deployment:

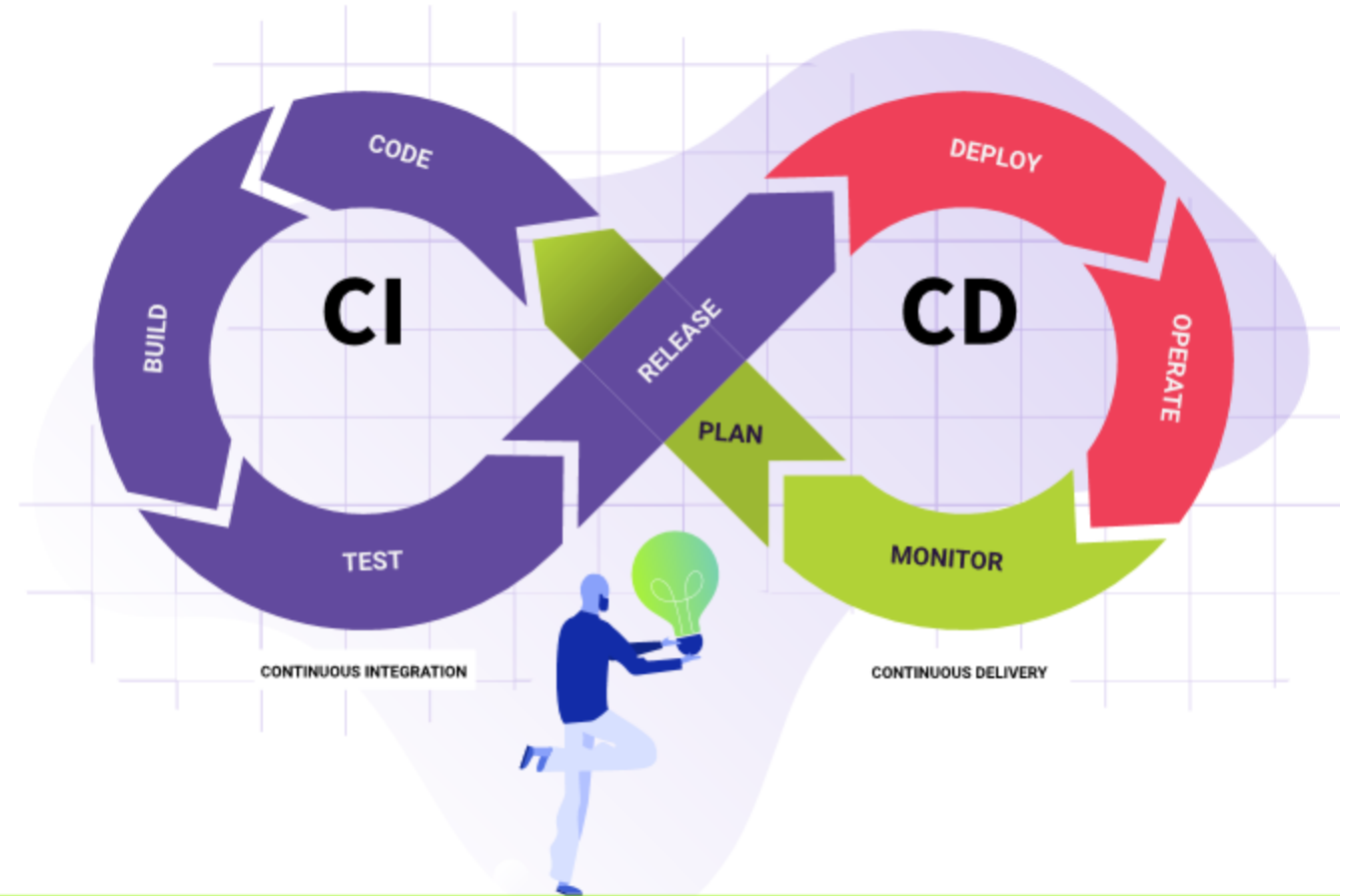
- **Continuous Deployment:**
  - is a software development practice where code changes are automatically built, tested, and deployed to production.





# Why's the CI / CD important?

- Allows organizations to ship software quickly and efficiently.
- Facilitates an effective process for getting products to market faster than ever before.
- Ensuring an ongoing flow of new features and bug fixes via the most efficient delivery method.



# Benefits of CI / CD:

## Technical Benefits

- Reduced time-to-market
- Effective automation testing
- Improved Mean Time to Resolution
- Maximum consumer demand satisfaction
- Rapid feedback cycle
- Enhance communication and collaboration

## Business Benefits

- Reduce cost
- Avoid more cost
- Reduce cost
- Increase Revenue
- Increase Revenue
- Avoid more cost