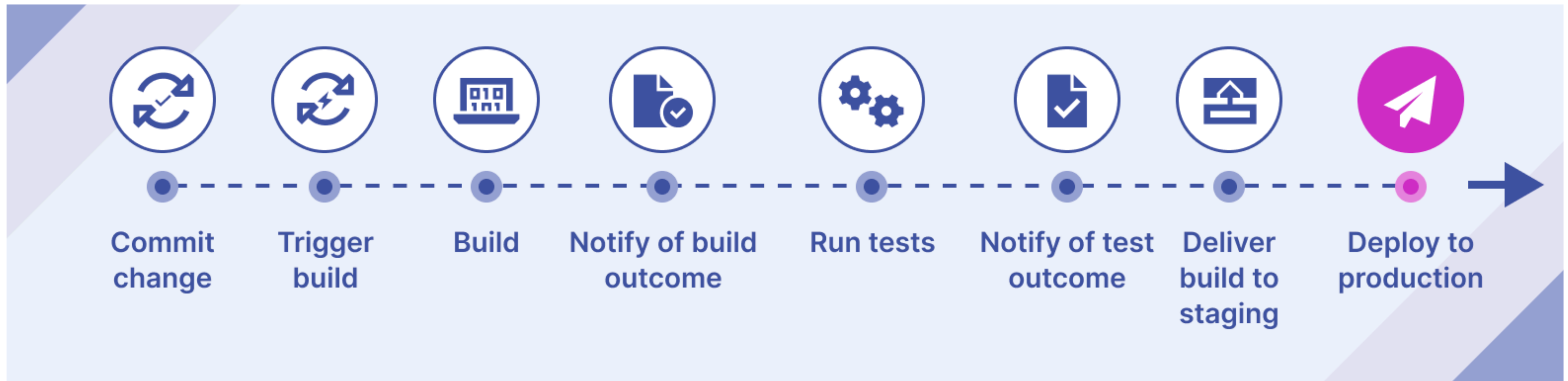


From Dev to
Prod in minutes

What is CI/CD

Development Practices aimed at automating and streamlining building, testings and deploying code changes in order to maintain high level of efficiency, reliability and collaboration among development teams



Udapeople Deployment Challenges

1. Slow Deployment
2. Manual Automation
3. Lack of Smoke Testing
4. Rollback Issues

Where can CI/CD Help

- Reduced Bugs with less human error and fast deployment
- Reduce Troubleshooting time
- Reduce Key-Man risks
- Automated Infrastructure Creation/Provisioning
- Implement Continuous Integration (compiling, testing, code analysis and storage)
- Automated Smoke tests and Rollbacks

Key Benefits of Implementing CI/CD

- Cost reduction -> Less Development time needed
- Improved Resource Allocation -> Freed resources can focus on other projects
- Reduced Downtime -> Rollbacks and Smoke Tests help to identify errors early and debug them