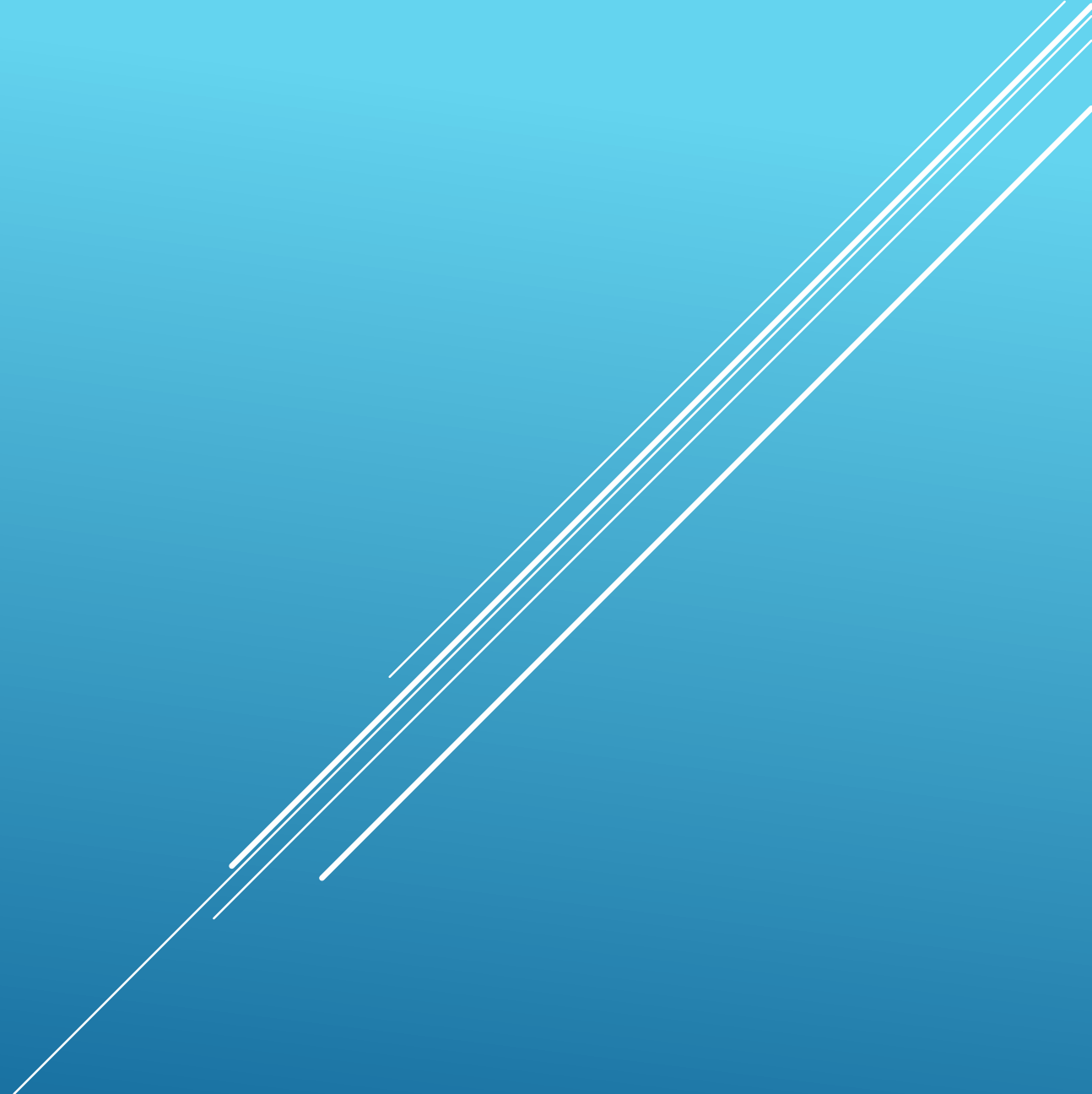


UDAPEOPLE

CI/CD APPROACH



CI/CD PIPELINE

- ▶ CI/CD pipeline refers to the automation that enables incremental code changes from developers' desktops to be delivered quickly and reliably to production.

CI/CD

- ▶ Continuous Integration (CI):


Modern software development practice in which incremental code changes are made frequently and reliably.

Establishes an automated way to build, package, and test the applications.

- ▶ Continuous deployment (CD):

CD provides an automated and consistent way for code to be delivered to environments.

BENEFITS OF CI/CD

- ▶ Improve Developer Productivity
 - ▶ Less downtime\quick rollback to production
 - ▶ Ship software quickly and efficiently
 - ▶ Find and Address Bugs Quicker
 - ▶ Integrate code easily among multiple resoruces
 - ▶ Automate the Software Release Process
 - ▶ Deliver Updates Faster
 - ▶ Flow of new features and bug fixes via the most efficient delivery method to customer
 - ▶ Efficient cost management in less used infrastructure
- 
- A series of three parallel white diagonal lines on the right side of the slide, starting from the middle and extending towards the bottom right corner.