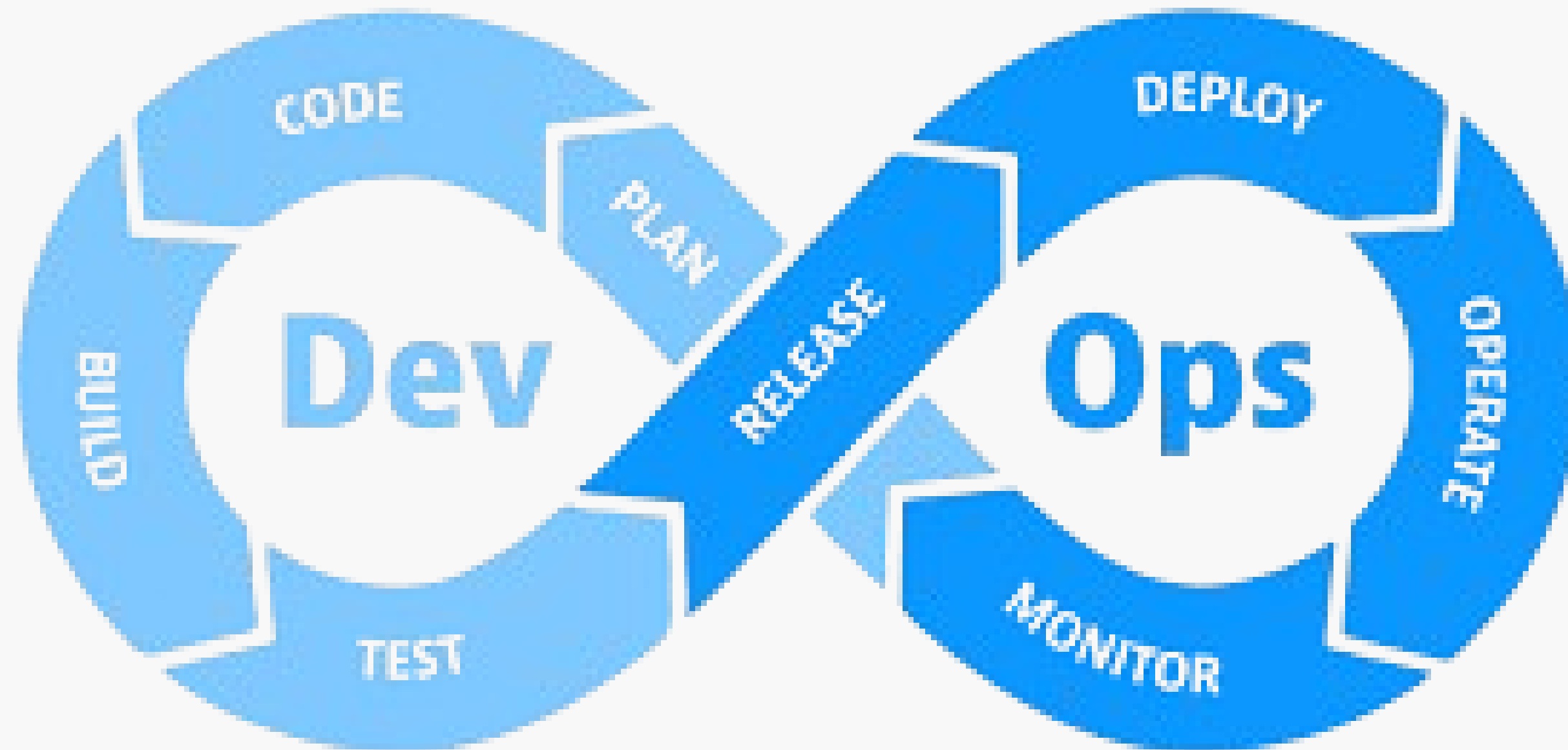


What is DevOps?

**DevOps combines
"Development" and "Operations."**

**It is a culture and practice that
bridges the gap between software
development and IT operations.**

**The goal is faster delivery of
software with high quality.**



Why is DevOps Important?



**Speeds up the software
development process.**



**Improves collaboration
between teams.**

**Ensures better product
quality and faster
issue resolution.**

DevOps Key Principles?

**Collaboration:
Developers and IT teams
work together.**

Automation:
Tasks like
testing and deployment
are automated.

Continuous Improvement:
Regularly enhance and
optimize processes.

Development Without DevOps

**Software updates
took a long time to release.**

**Developers and IT teams
worked in silos, causing
miscommunication.**

**Manual processes led
to more bugs and
deployment failures.**

**Users' feedback was
not integrated
quickly into updates.**

**Companies like Netflix, Amazon,
and Google use DevOps
to deliver software updates
frequently and maintain high
availability of services.**



In This Course?



Thank You