

The background is a solid dark blue. In the top-left corner, there are several parallel, light blue lines that form a corner-like shape, extending from the top and left edges. In the bottom-right corner, there are several parallel, light blue lines that form a corner-like shape, extending from the bottom and right edges.

UdaPeople

THE BENEFITS OF CONTINUOUS DELIVERY THAT
INCLUDES CI/CD TO THE BUSINESS'S VALUES

8 Principles of Continuous Delivery

- Repeatable Reliable Process
- Automate Everything
- Version Control Everything
- Bring the Pain Forward

8 Principles of Continuous Delivery

- Build-in Quality
- "Done" Means Released
- Everyone is Responsible
- Continuous Improvement

Continuous Delivery CI/CD Pipeline

- The Phases of CI/CD Pipeline

Build

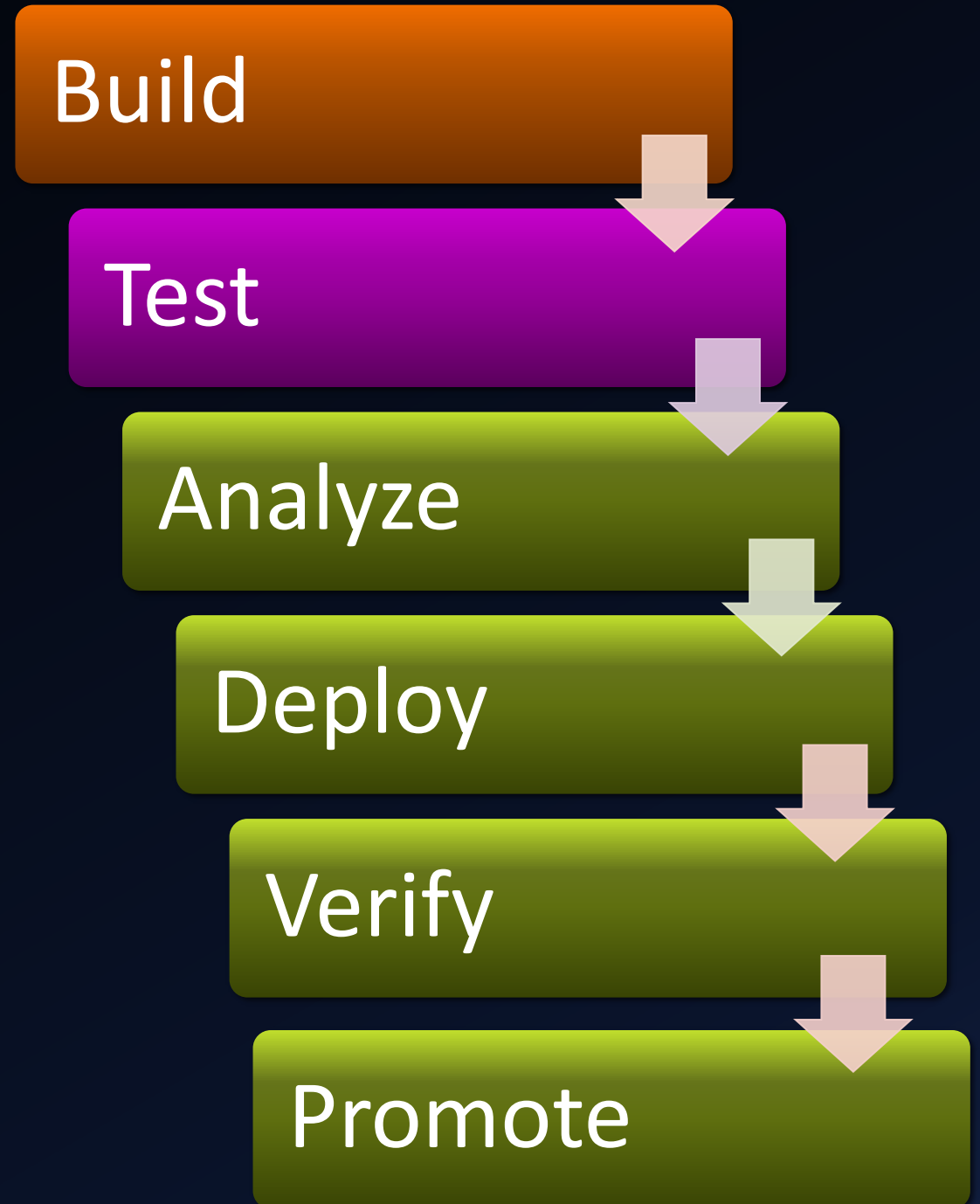
Test

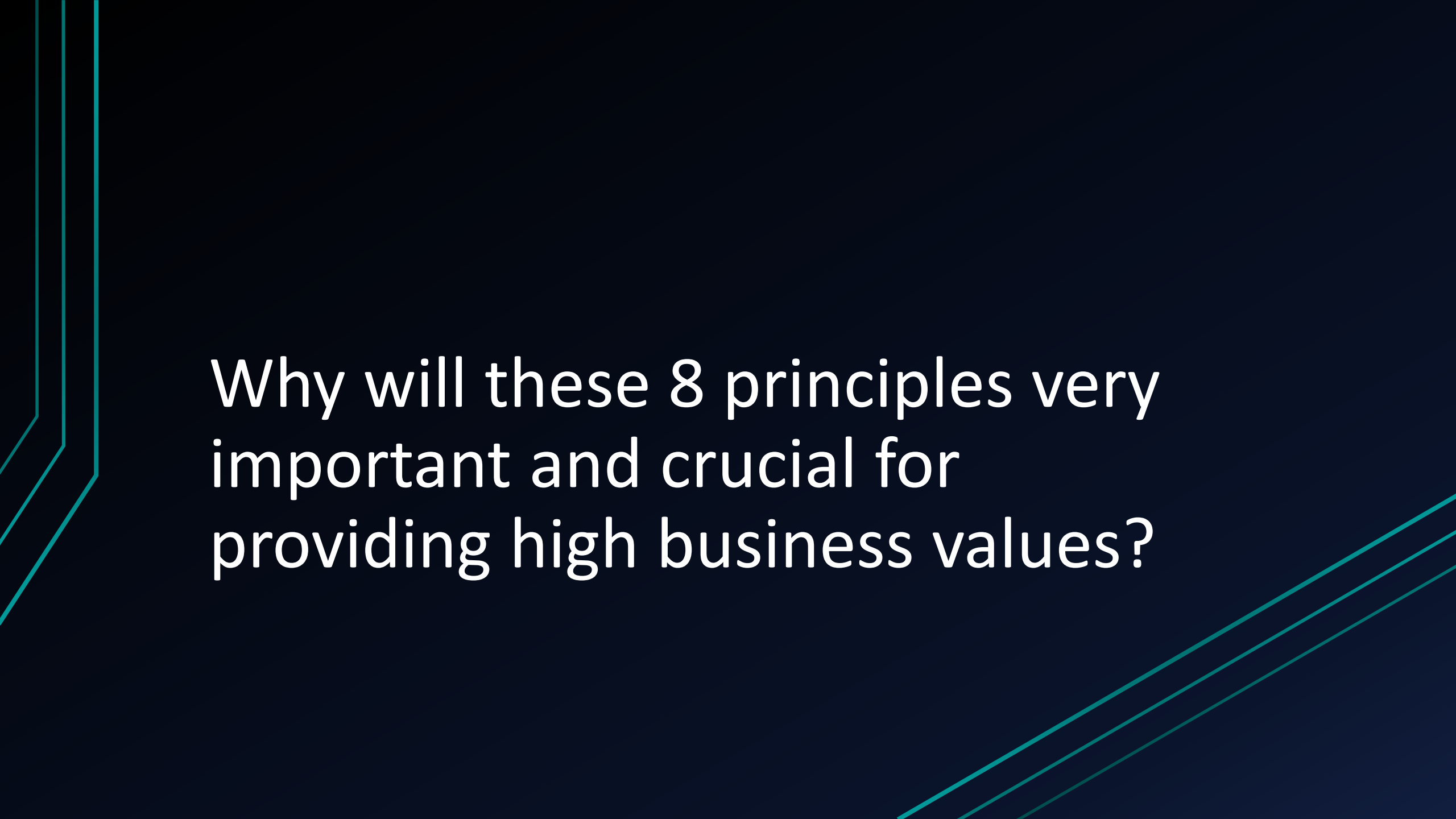
Analyze

Deploy

Verify

Promote





Why will these 8 principles very
important and crucial for
providing high business values?



TECHNICAL

- When Catching Compile Errors after Merge.

BUSINESS VALUE

- This will reduce the cost as it will gain less developer time on issues from new developer code.



TECHNICAL

- When catching Unit Test Failures.

BUSINESS VALUE

- This will avoid the cost as less bugs will be in production and less time in testing.



TECHNICAL

- When Detecting Security Vulnerabilities.

BUSINESS VALUE

- This will avoid the cost as it will prevent embarrassing or costly security holes.



TECHNICAL

- When Automating Infrastructure Creation.

BUSINESS VALUE

- This will void cost as it will provide less human error and faster deployments.



TECHNICAL

- When Automating Infrastructure Cleanup.

BUSINESS VALUE

- This will reduce cost of infrastructure costs of unused resources.



TECHNICAL

- When we make faster and more frequent Production Deployments.

BUSINESS VALUE

- This will increase revenue as new value generating features are released more quickly.



TECHNICAL

- When we deploy to production Without Manual Checks.

BUSINESS VALUE

- This will increase the revenue as the time to market is reduced significantly.



TECHNICAL

- When we Automating Smoke Tests.

BUSINESS VALUE

- This will protect the revenue as it will reduce downtime from deploy-related crash or major bugs.



TECHNICAL

- When Automating Rollback Triggered by Job Failures.

BUSINESS VALUE

- This will protect the revenue as it will quickly undo to return production to working state.