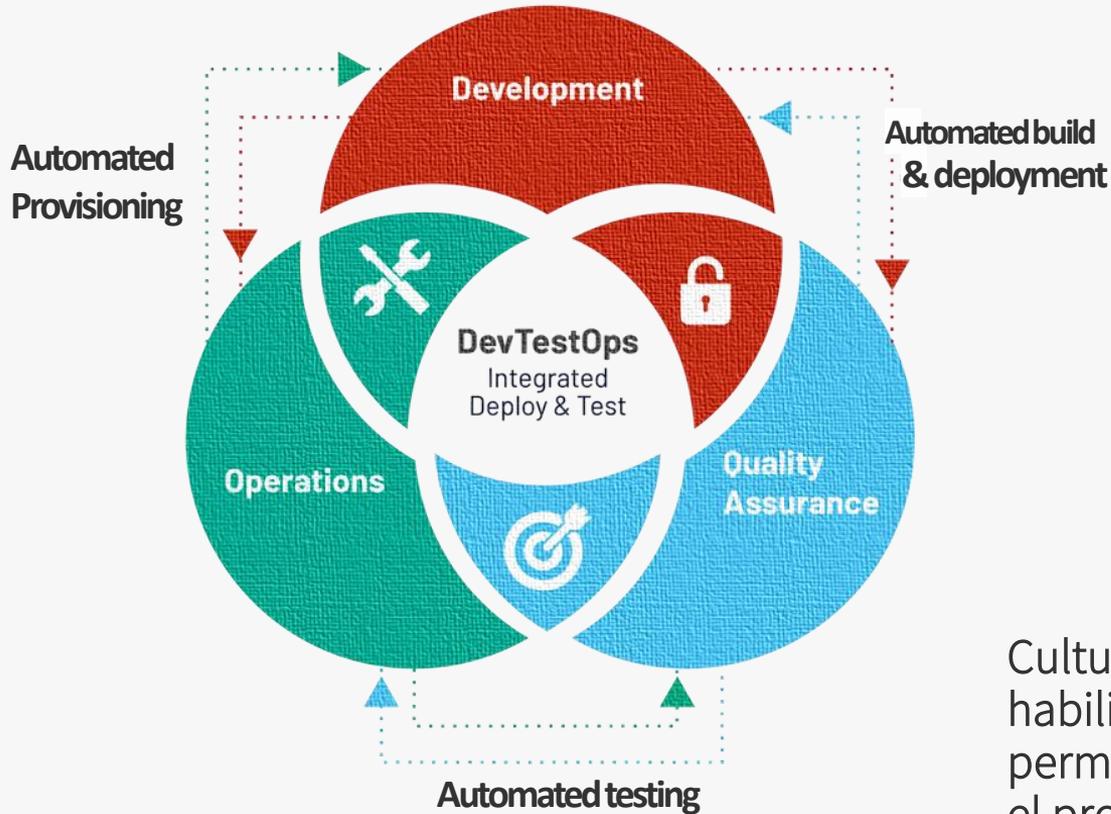




# Tendencias del Testing relacionadas a DevOps

Christian Camilo Gómez Páez

Prácticas modernas para crear software con calidad y sabor  
[#SGVirtual](#)



# DevTestOps

Cultura de trabajo enfocada en habilitar un conjunto de prácticas que permitan incluir pruebas continuas en el proceso de DevOps.



# Sabías que ...

Eliminar los silos entre desarrollo, pruebas y operaciones, permitió a **NETFLIX** desplegar hasta 1000 veces por día en producción.

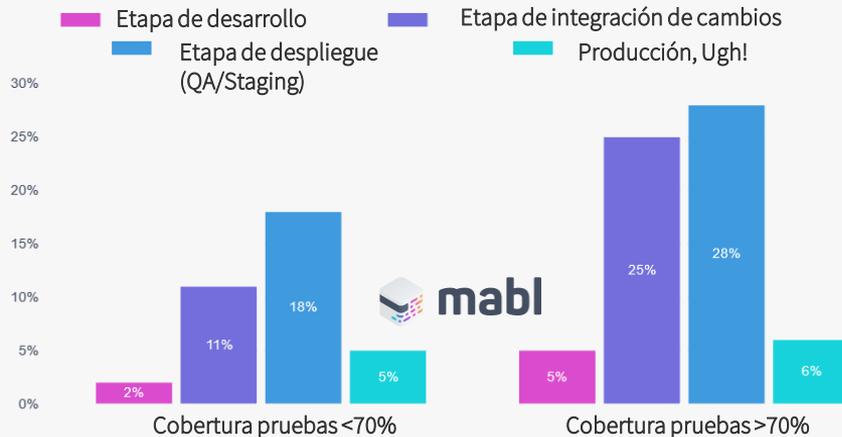


**“DevOps needs testers, testing is the ❤️ of DevOps.”** Lisa Crispin

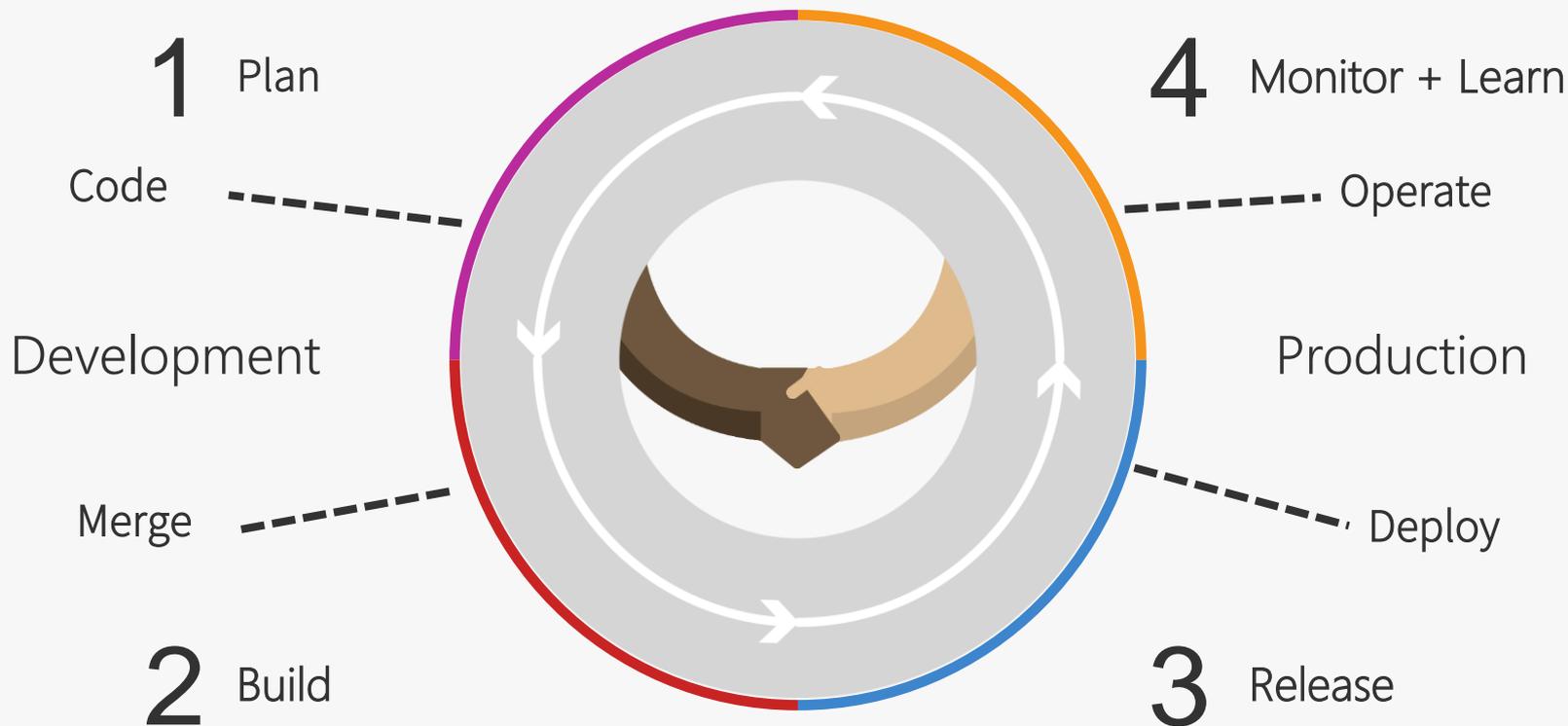
**49%** de las organizaciones encuestadas con equipos DevOps dedicados tienen el objetivo de introducir testing en todo el SDLC.



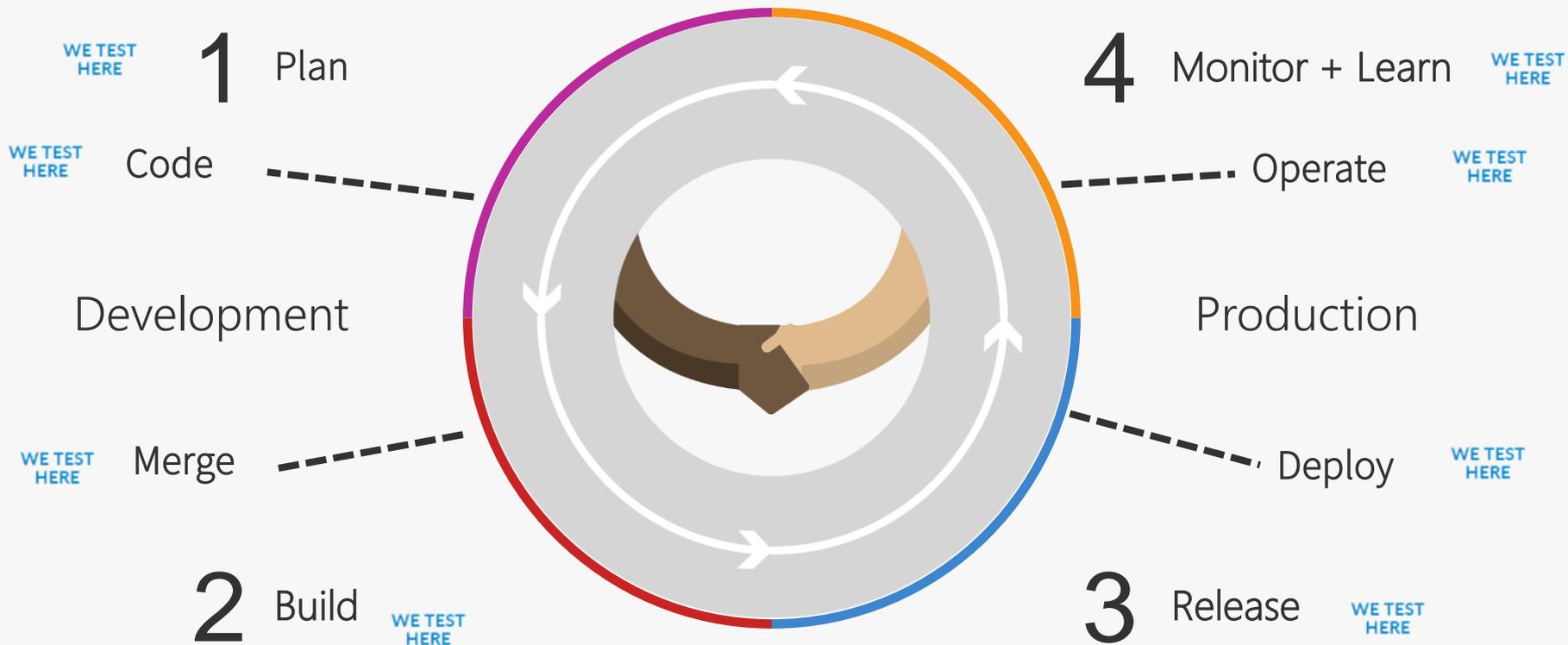
Identificación de errores vs Cobertura de pruebas



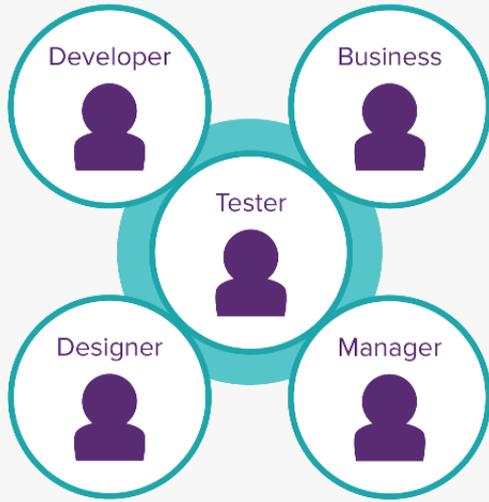
# DevOps Cycle



# DevTestOps Cycle



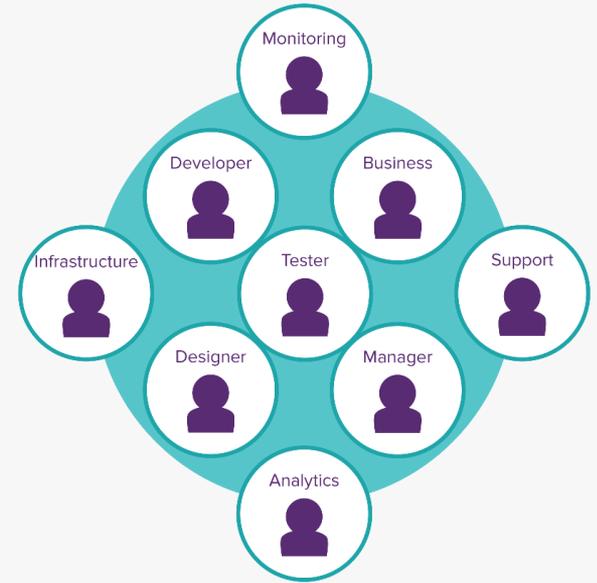
# Trend 1: DevTestOps MindSet



Waterfall

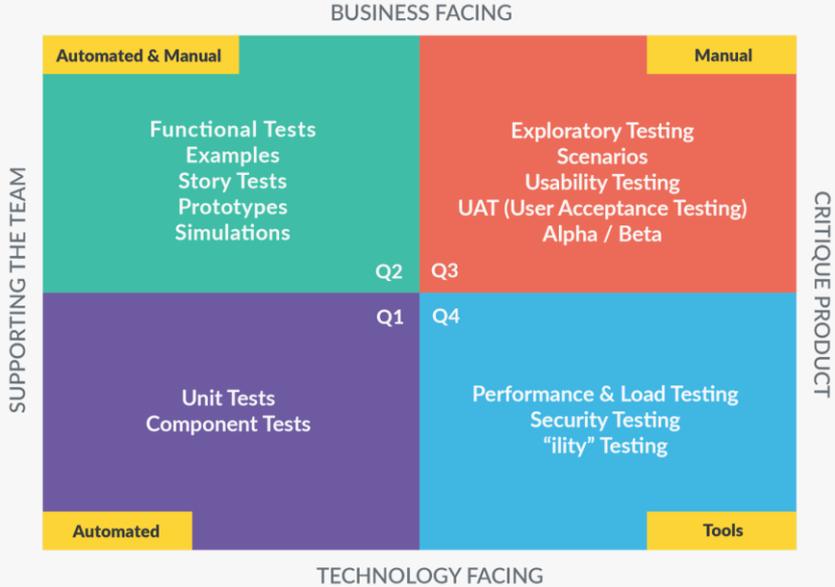
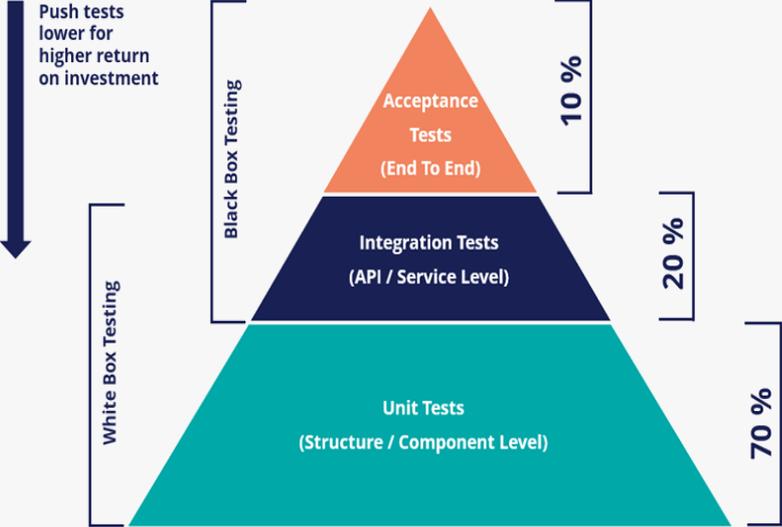


Agile

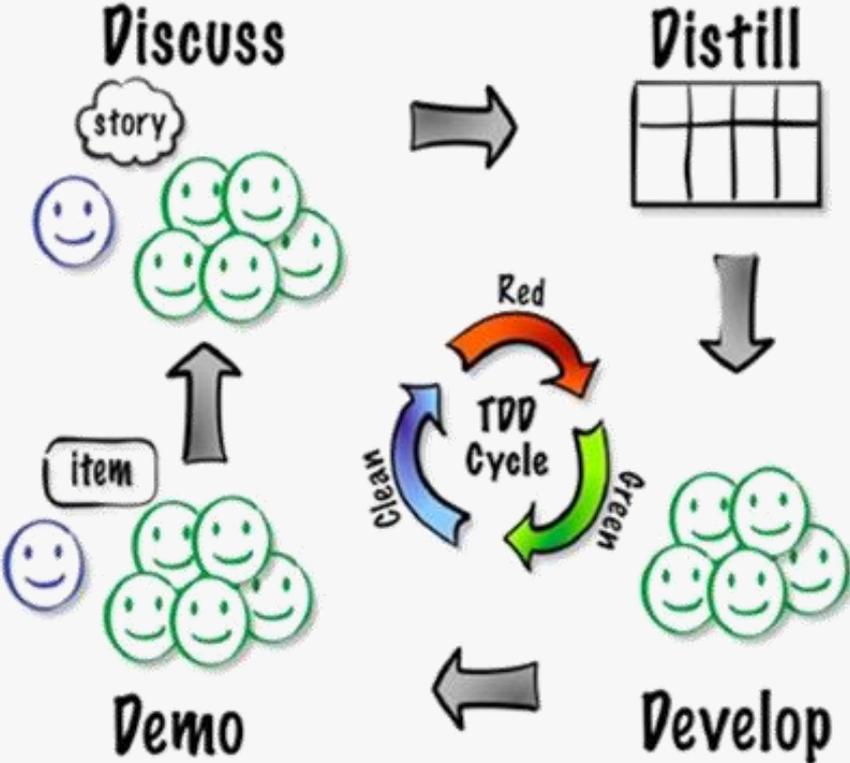


DevTestOps

# Trend 2: Testing Strategy



# Trend 3: ATDD

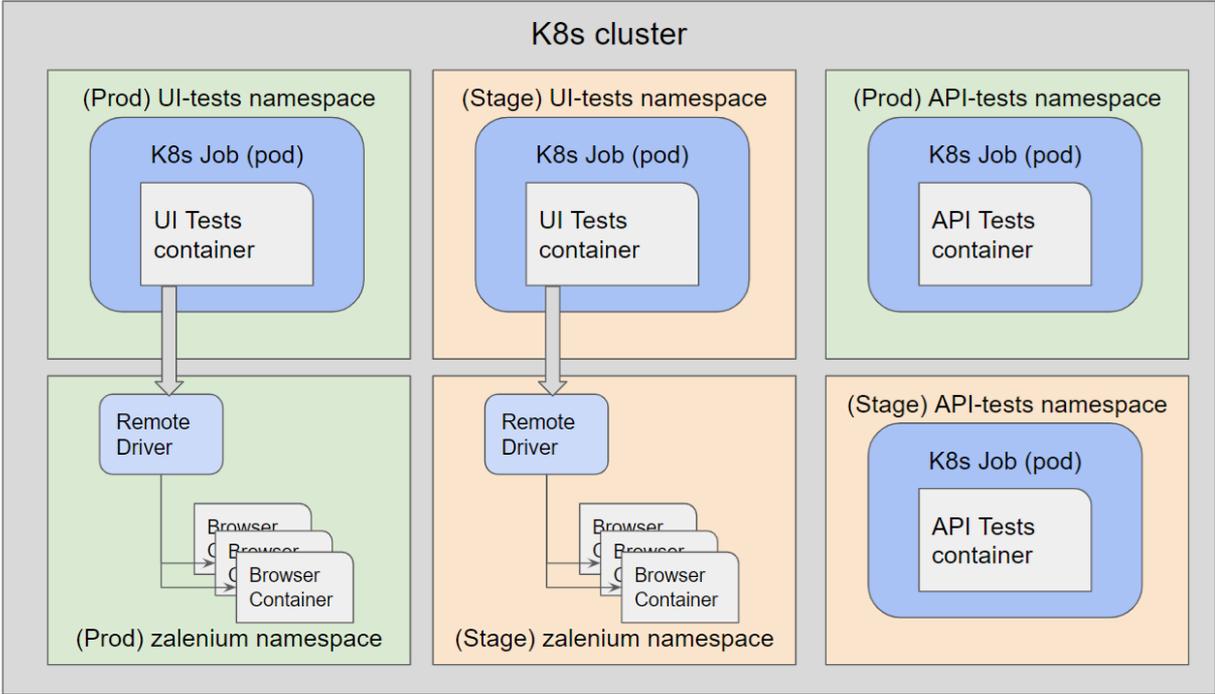


# Trend 4: TDM for continuous testing

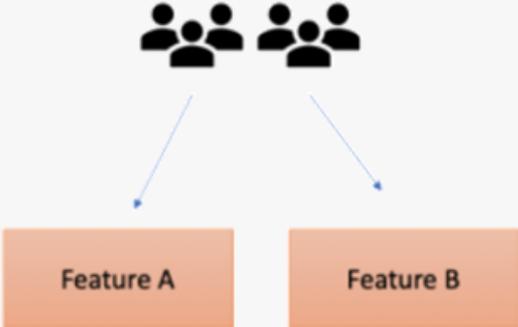


Figure: Prime Pillars of TDM

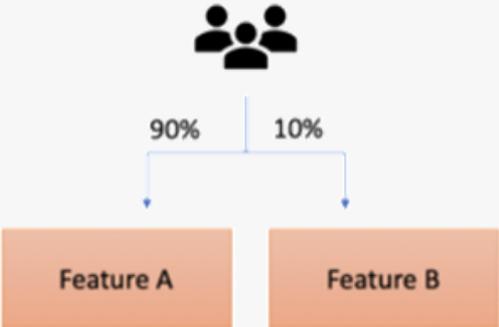
# Trend 5: Containers for Continuous Testing



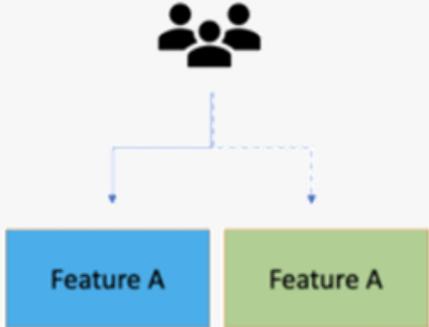
# Trend 6: Deployment Strategy



A/B Testing

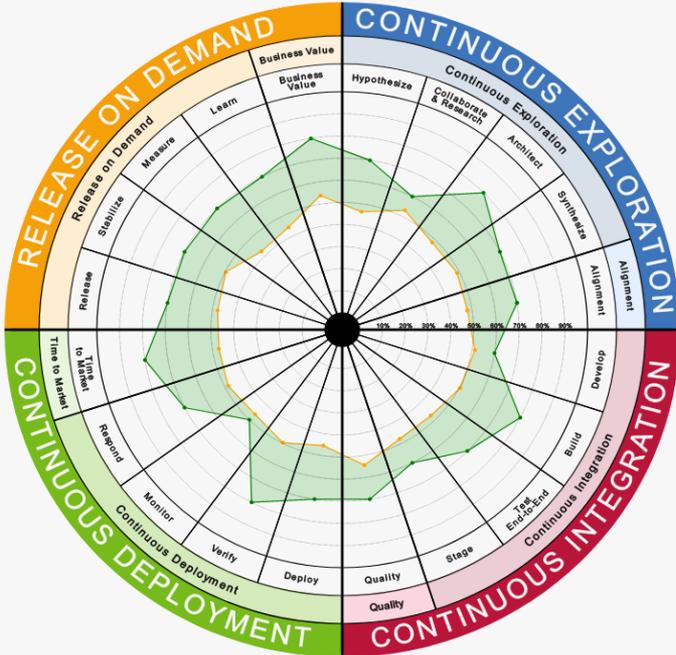


Canary Testing



Blue Green Deployment

# Trend 7: Measure Adoption



29.25 / week

Deployment Frequency

▼ 37.77%

Deployment Frequency Trends



0.12

Change Failure Ratio

▲ 92.08%

Change Failure Trends



5h 53m 11s

Mean Time to Resolve Incidents

▼ 88.18%

Time to Resolve Trends



# ¡Gracias!

¿Preguntas?

