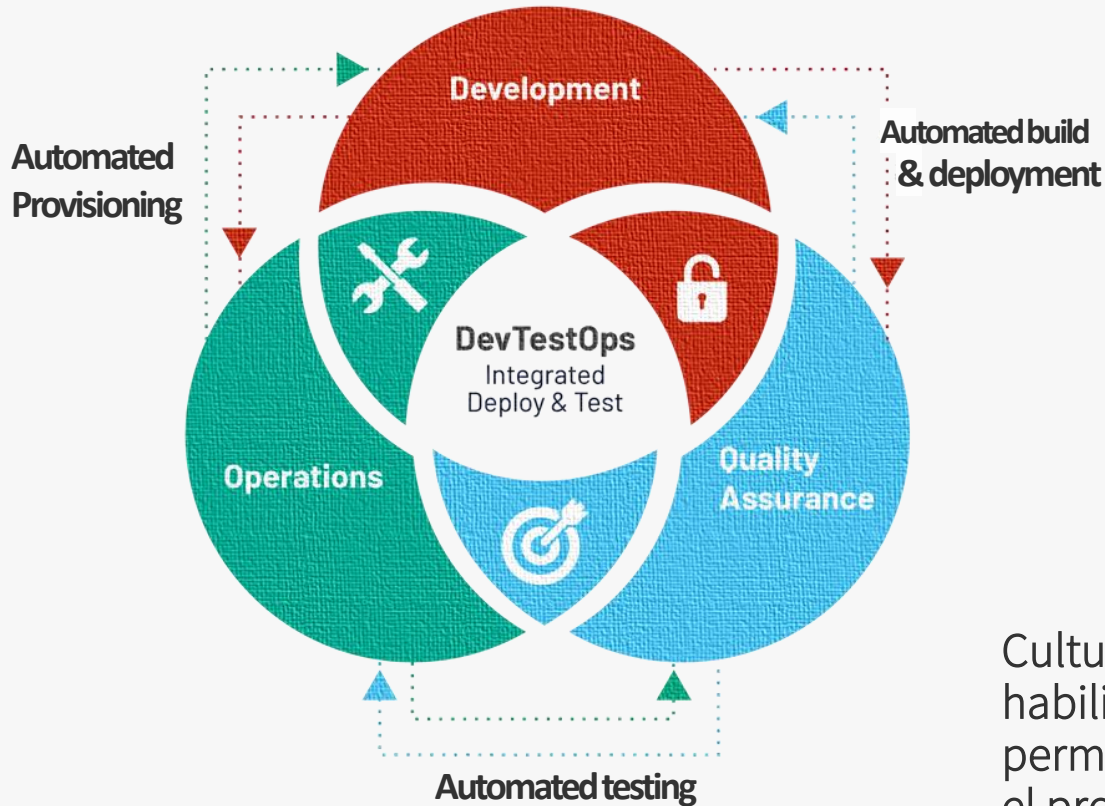




Tendencias del Testing relacionadas a DevOps

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.

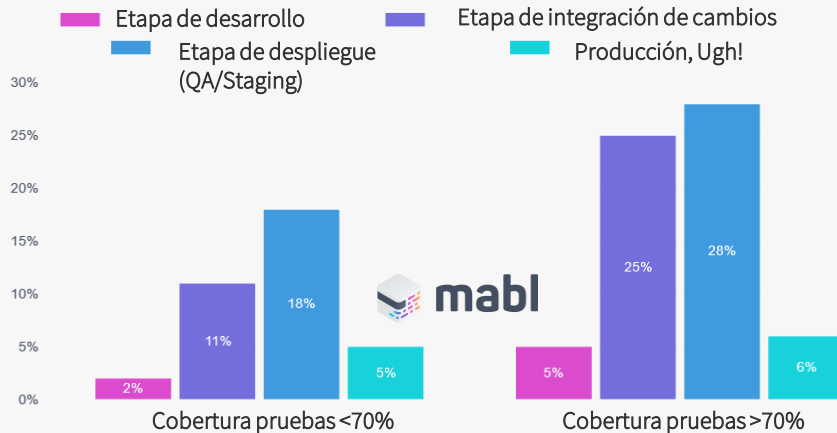


“DevOps needs testers, testing is the ❤️ of DevOps.” Lisa Crispin

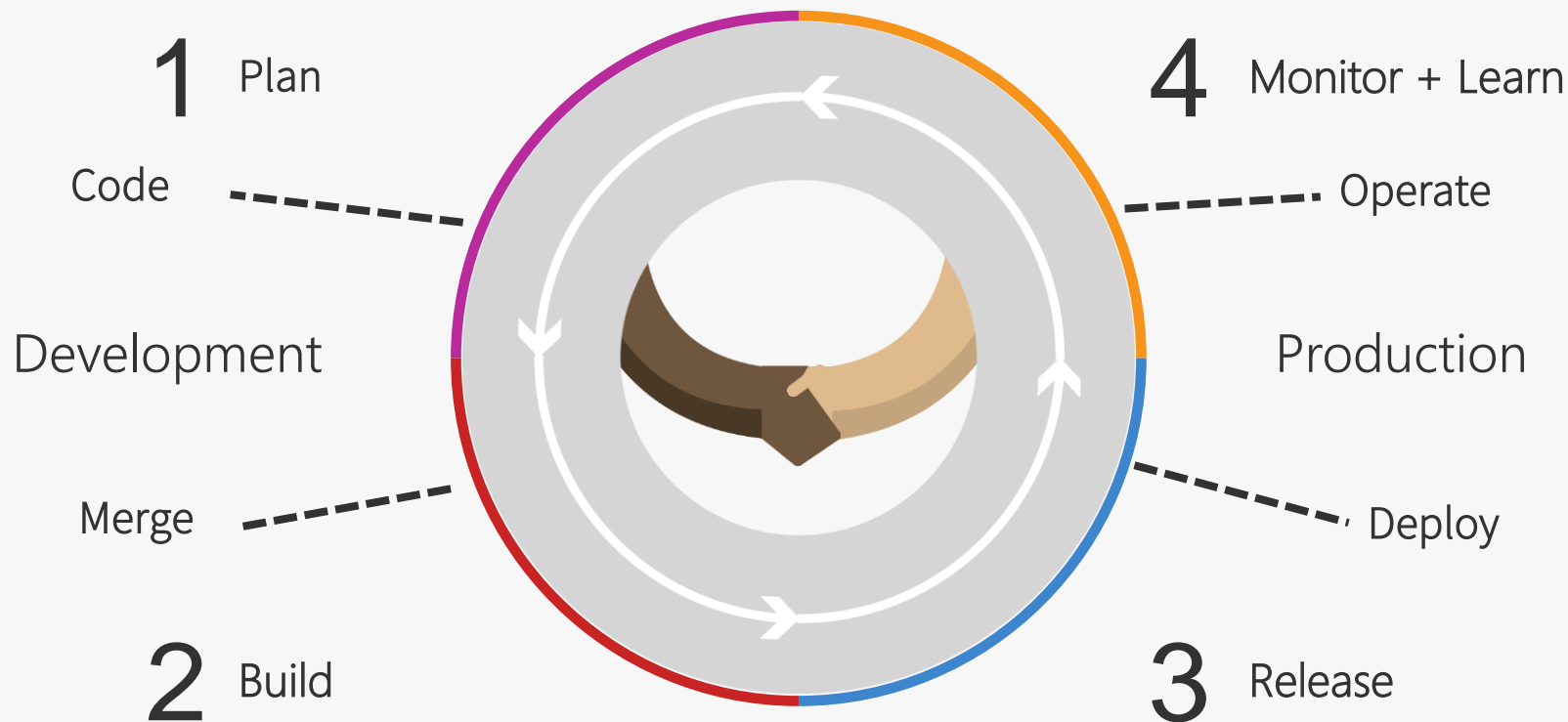
49% de las organizaciones encuestadas con equipos DevOps dedicados tienen el objetivo de introducir testing en todo el SDLC.



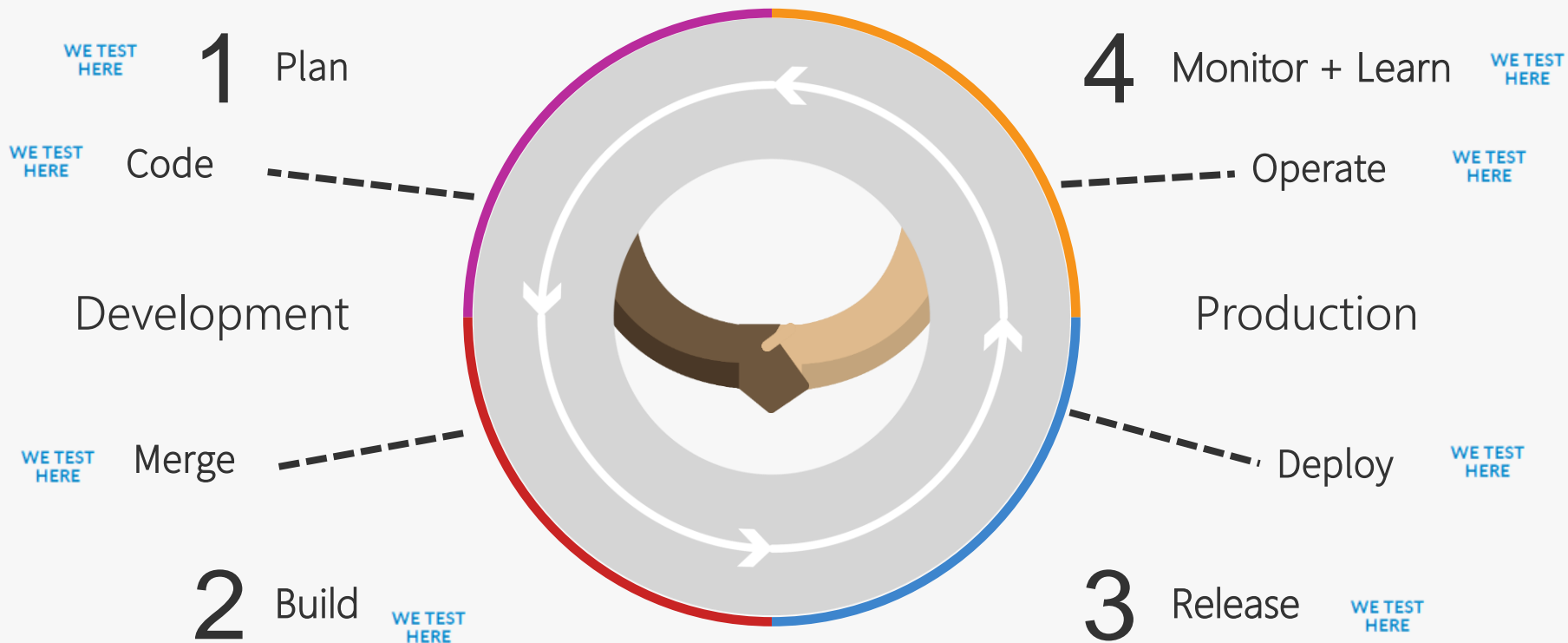
Identificación de errores vs Cobertura de pruebas



DevOps Cycle



DevTestOps Cycle



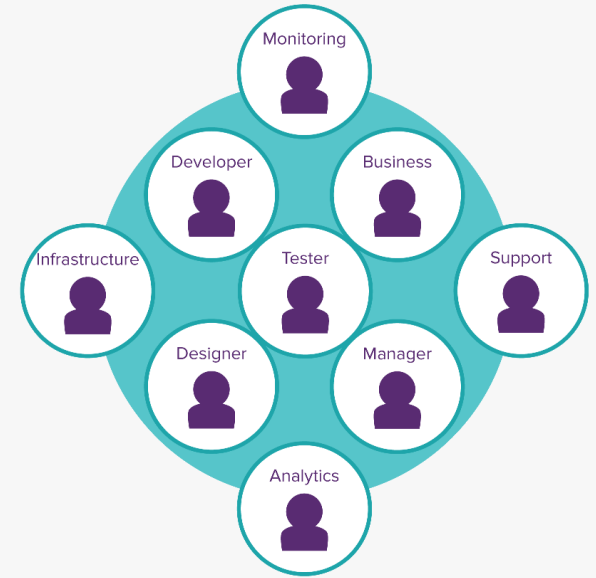
Trend 1: DevTestOps MindSet



Waterfall

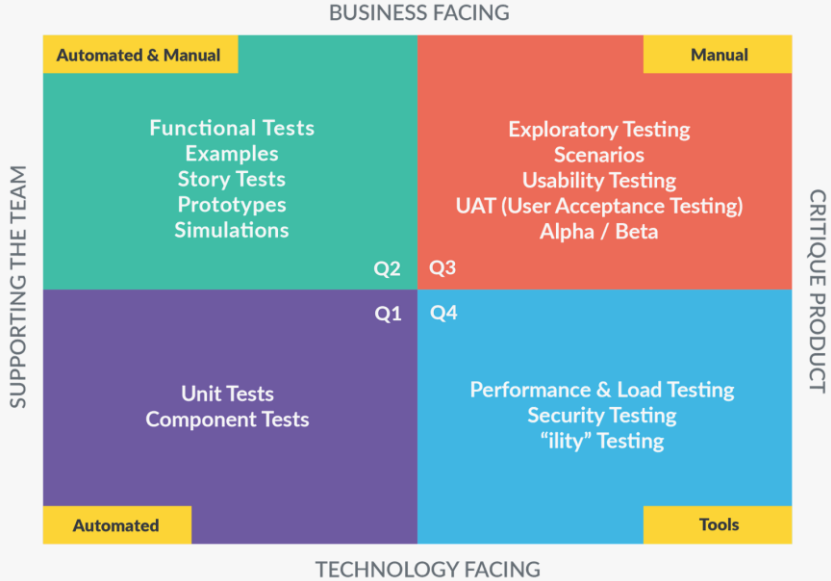
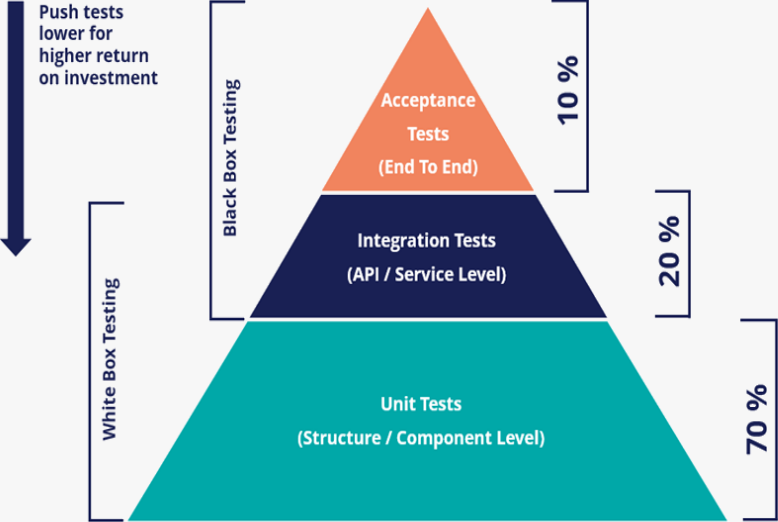


Agile

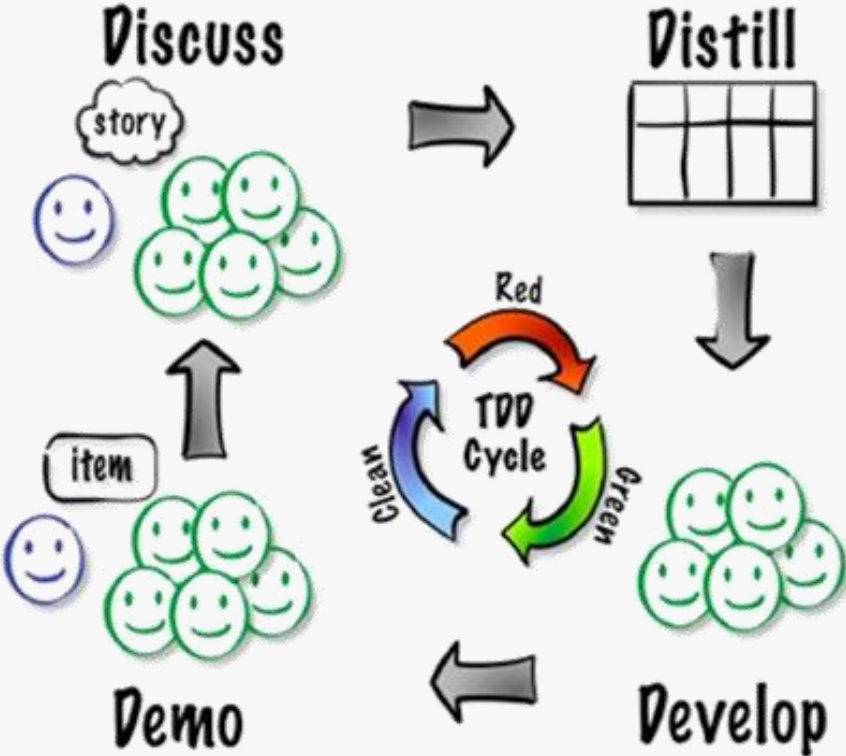


DevTestOps

Trend 2: Testing Strategy



Trend 3: ATDD



Trend 4: TDM for continuous testing

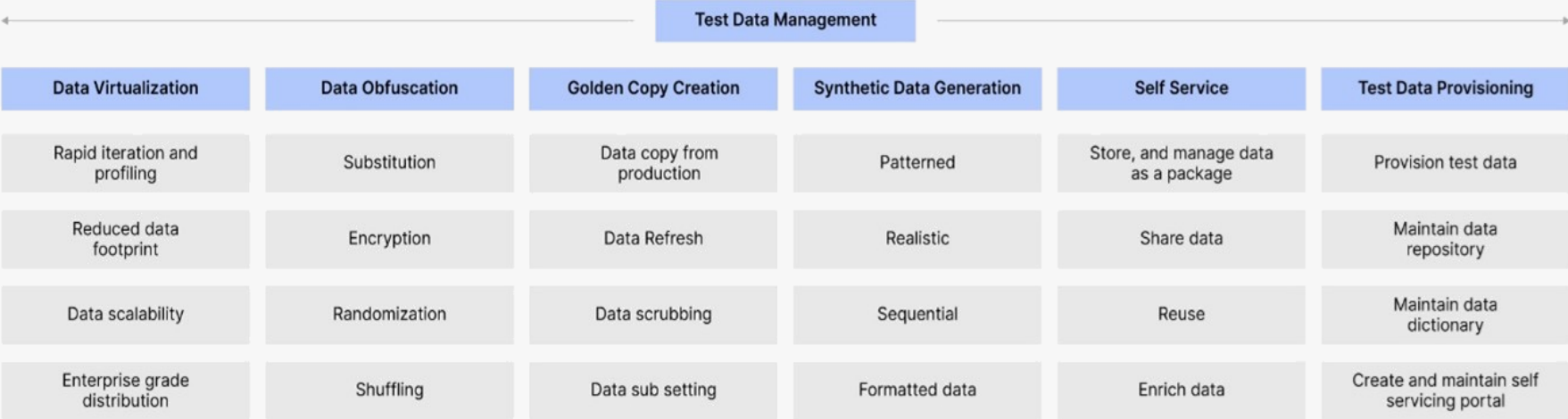
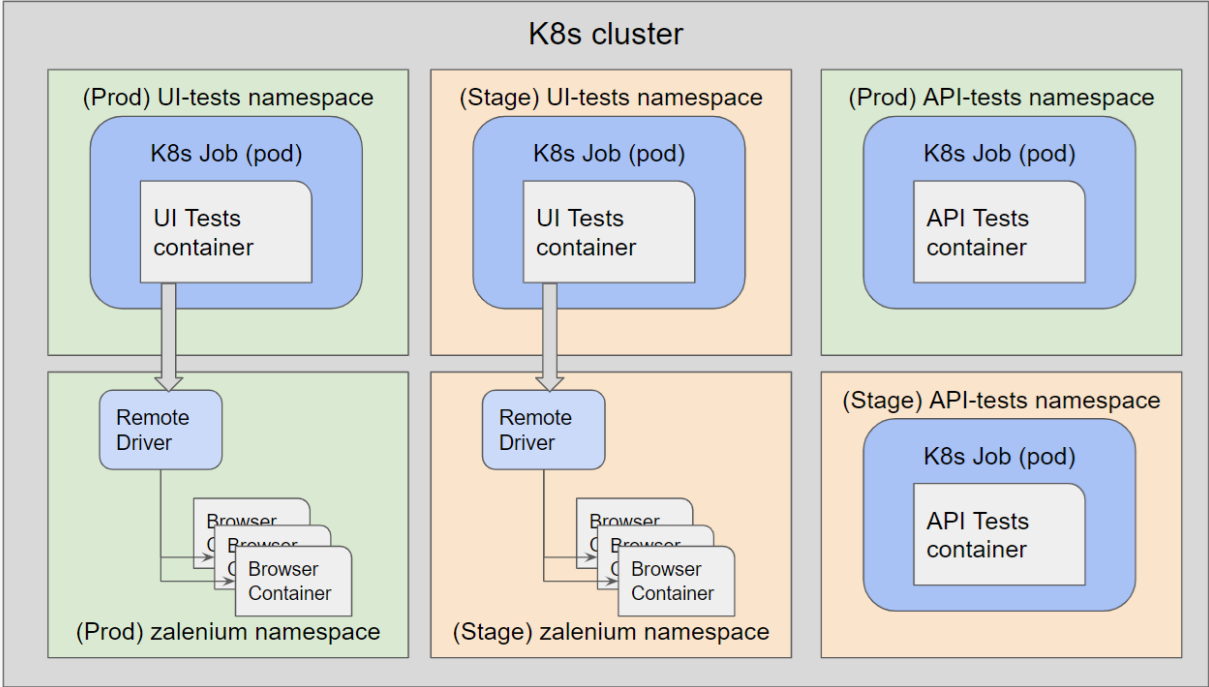
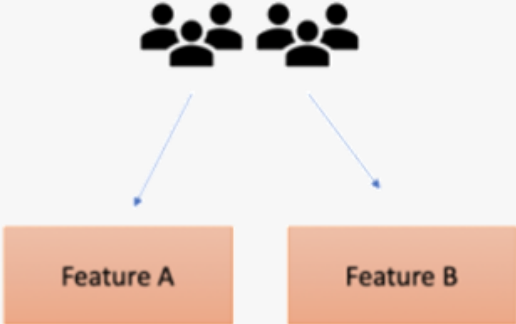


Figure: Prime Pillars of TDM

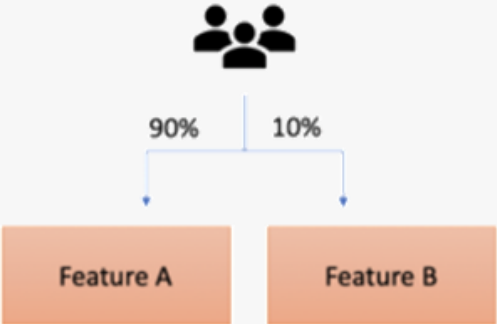
Trend 5: Containers for Continuous Testing



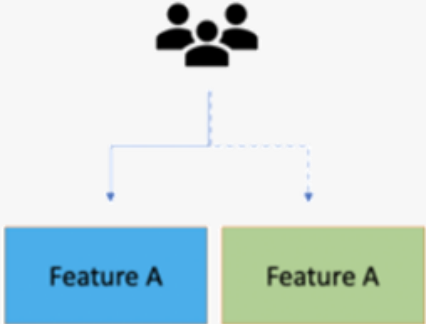
Trend 6: Deployment Strategy



A/B Testing



Canary Testing



Blue Green Deployment

Trend 7: Measure Adoption



29.25 / week
Deployment Frequency

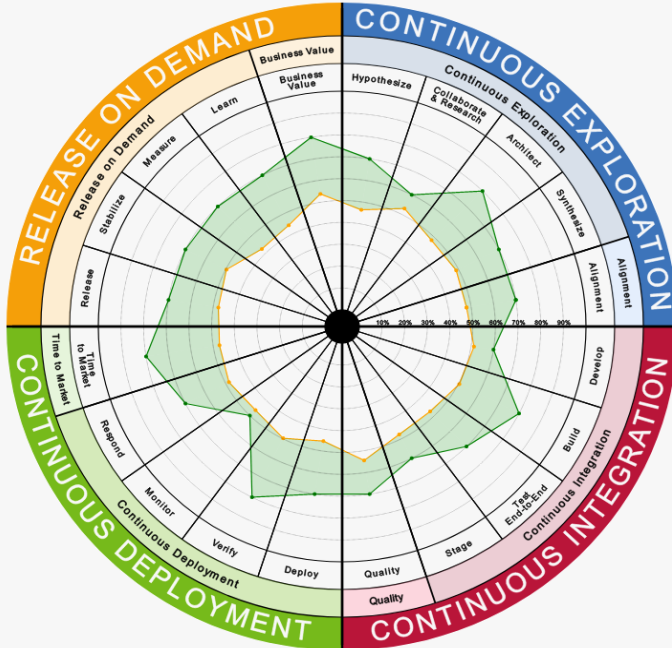
▼ 37.77%

0.12
Change Failure Ratio

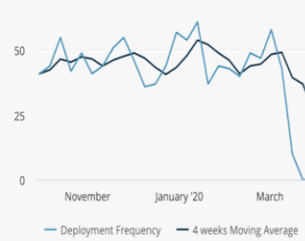
▲ 92.08%

5h 53m 11s
Mean Time to Resolve Incidents

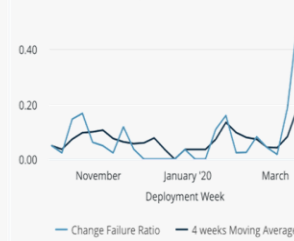
▼ 88.18%



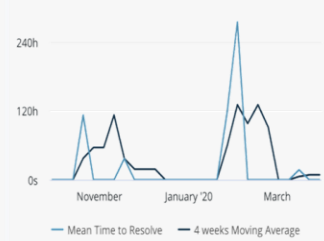
Deployment Frequency Trends



Change Failure Trends



Time to Resolve Trends



¡Gracias!

¿Preguntas?

