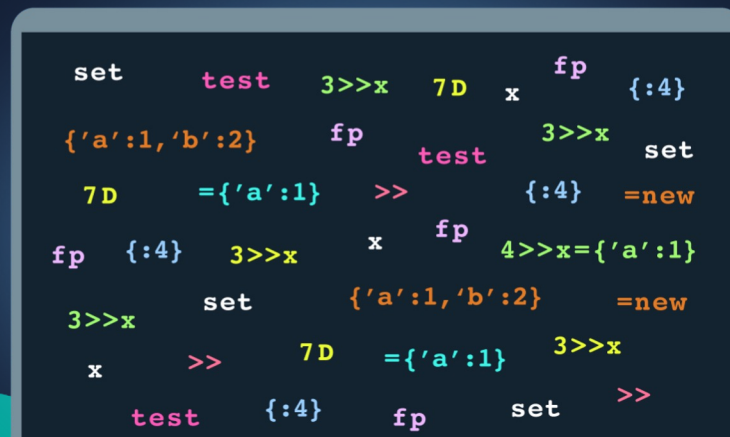
Reimagining Test Automation with AI

Anand Bagmar

Software Quality Evangelist



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ABOUT ME

BagmarAnand

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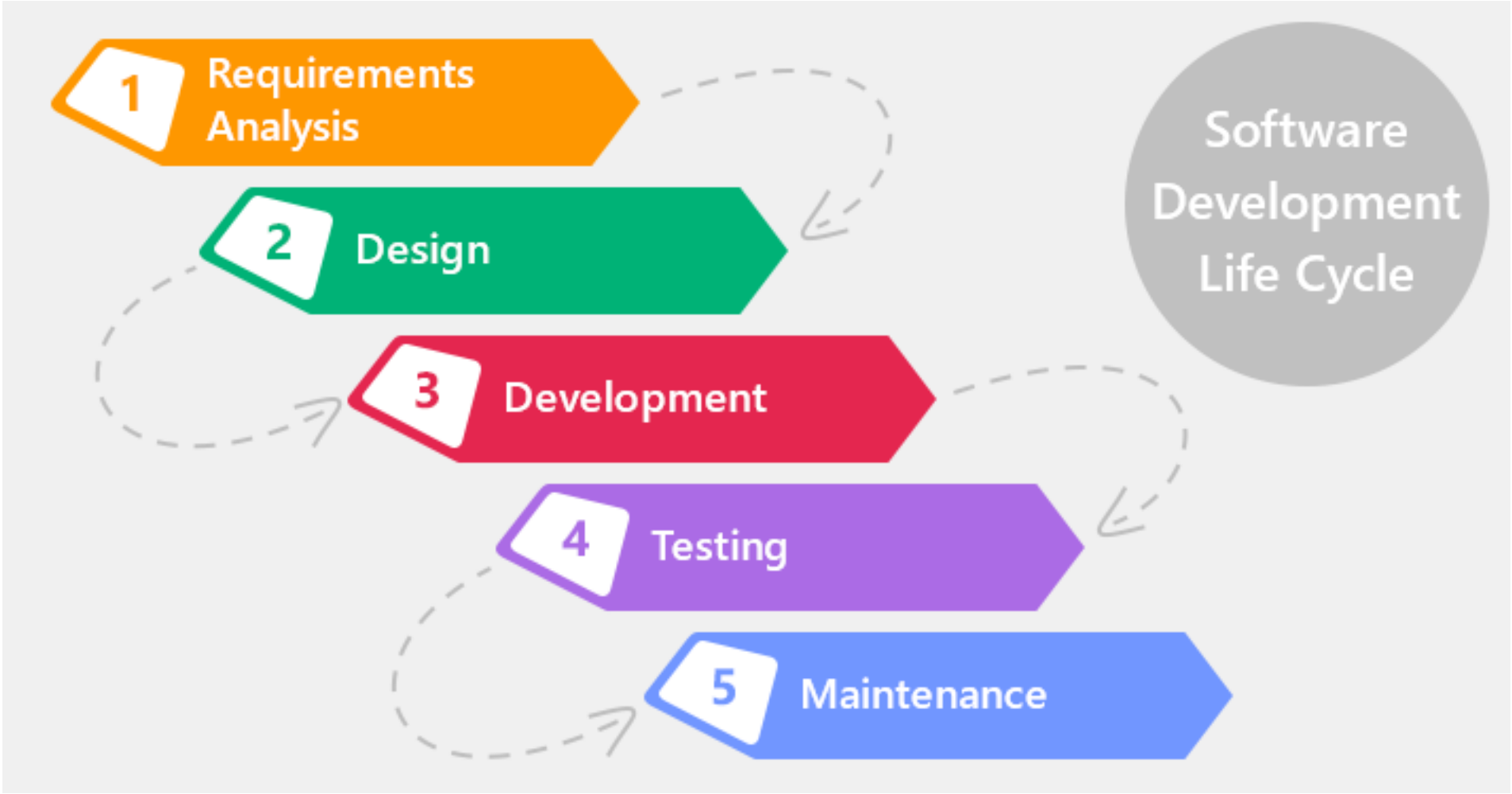

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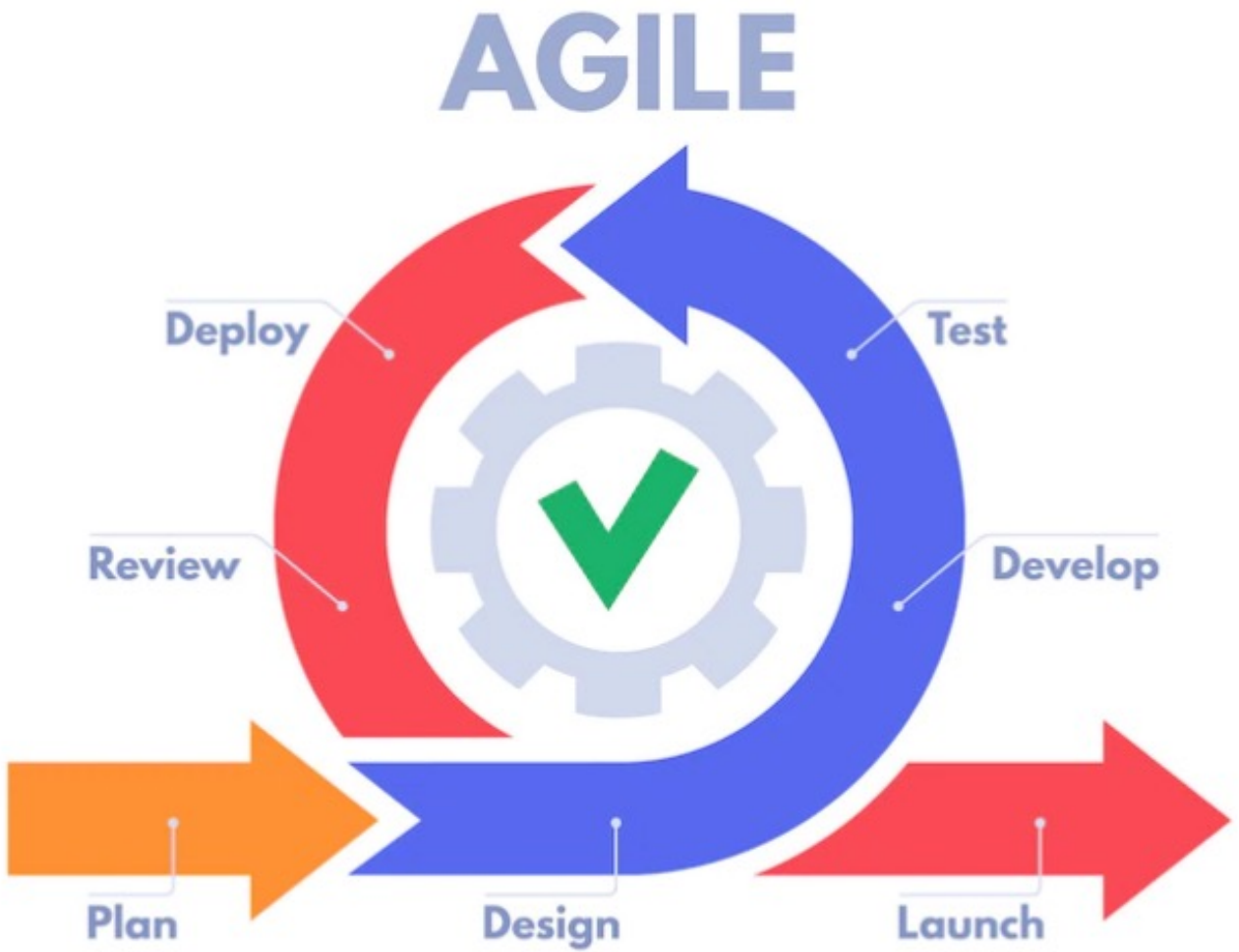

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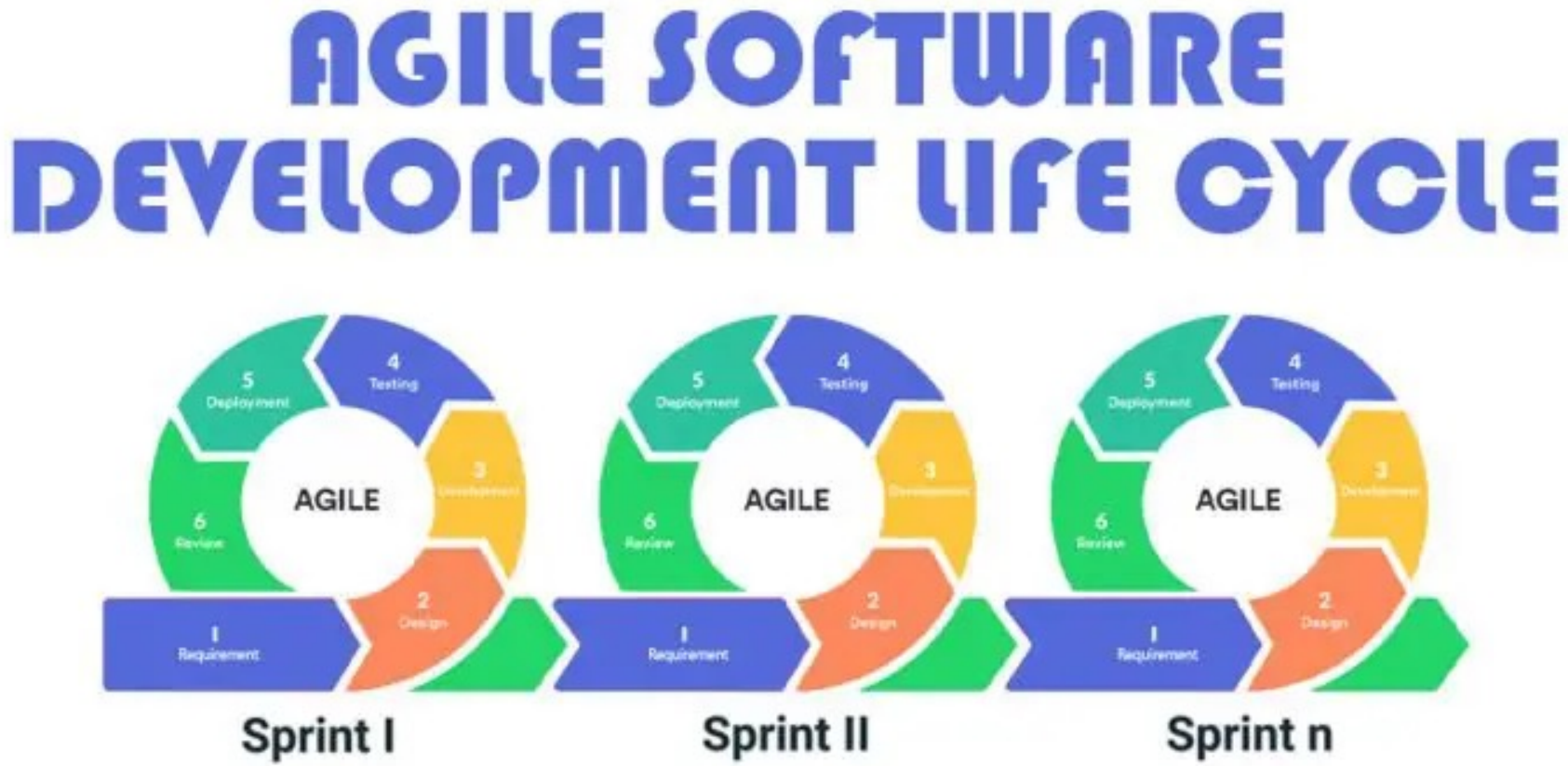

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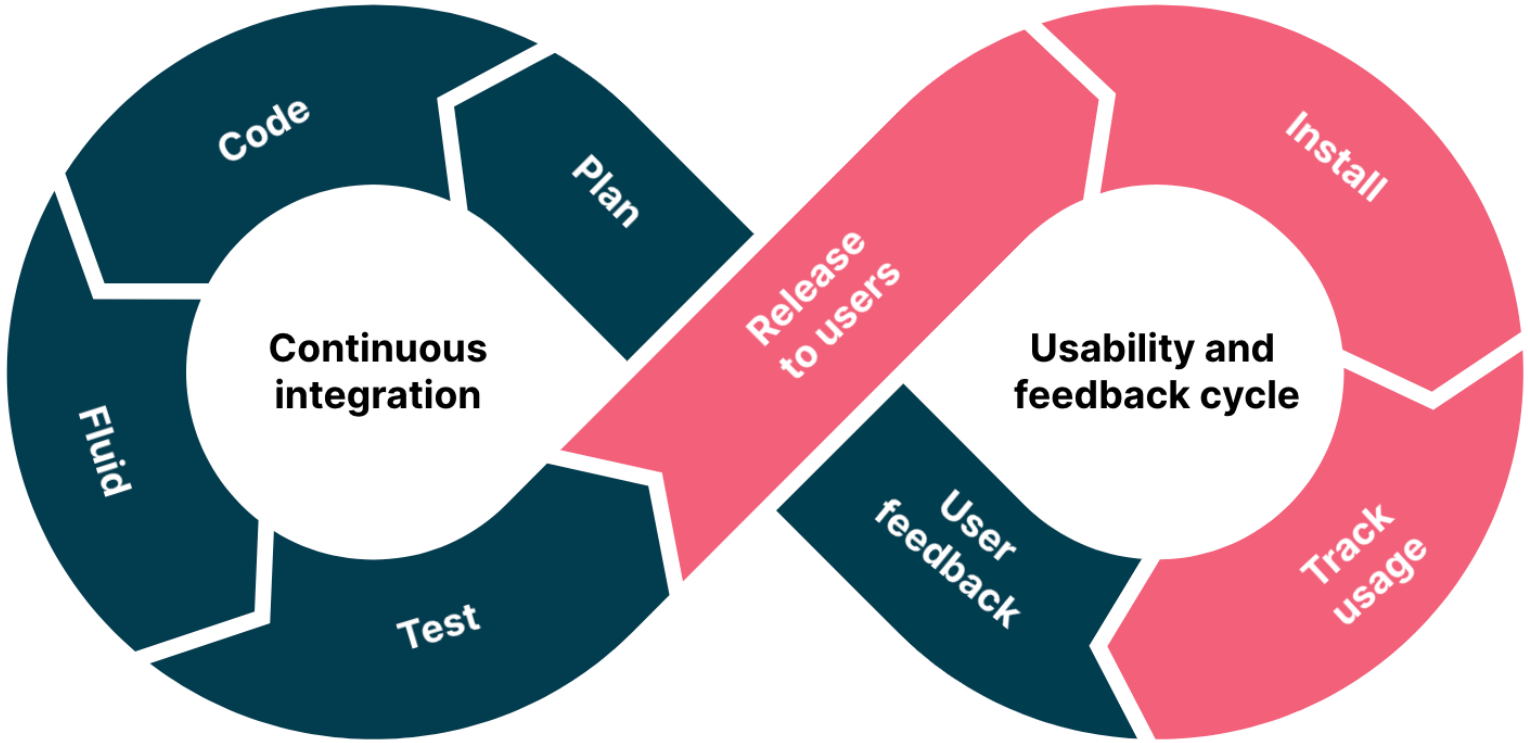
Continuous delivery



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AGILE Testing

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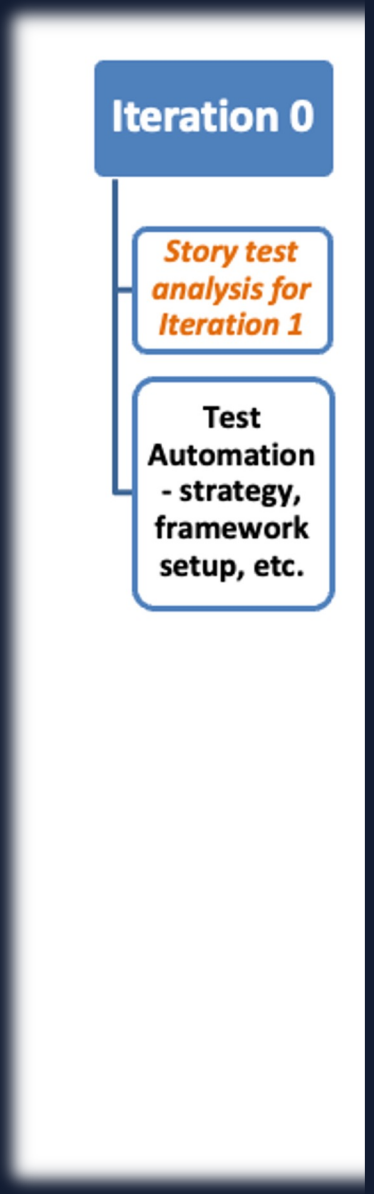

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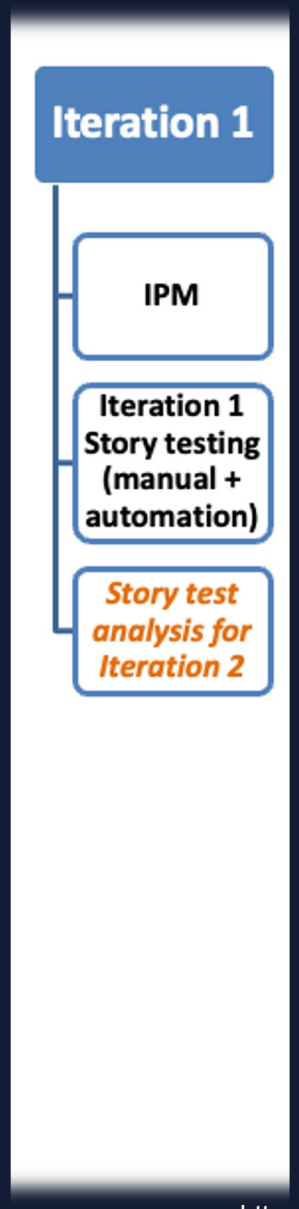

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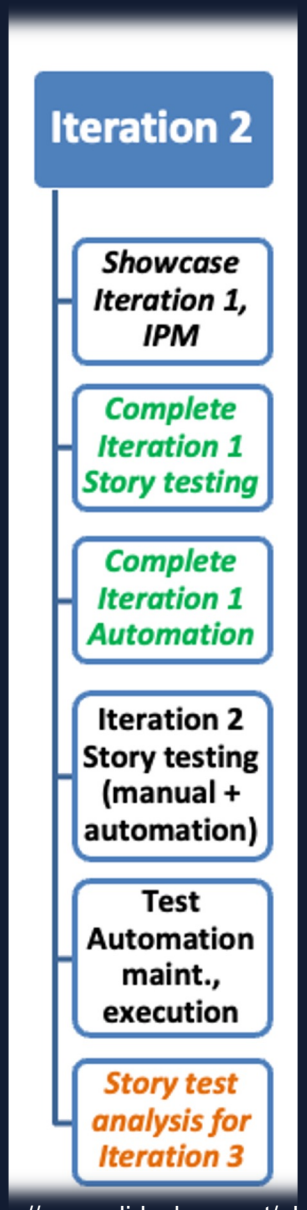

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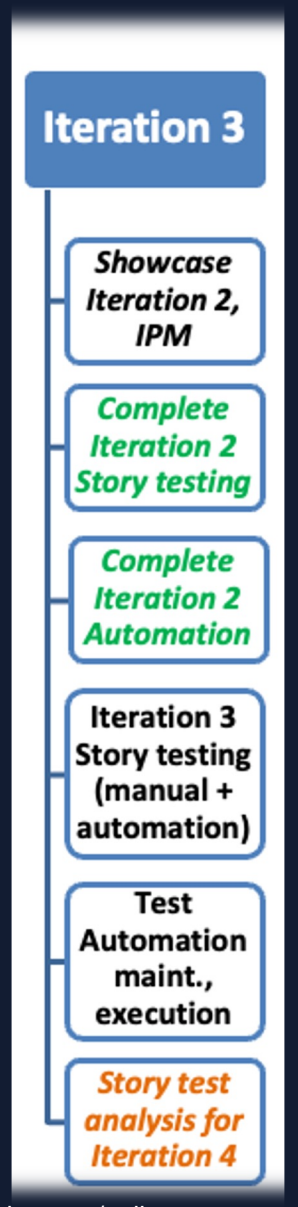

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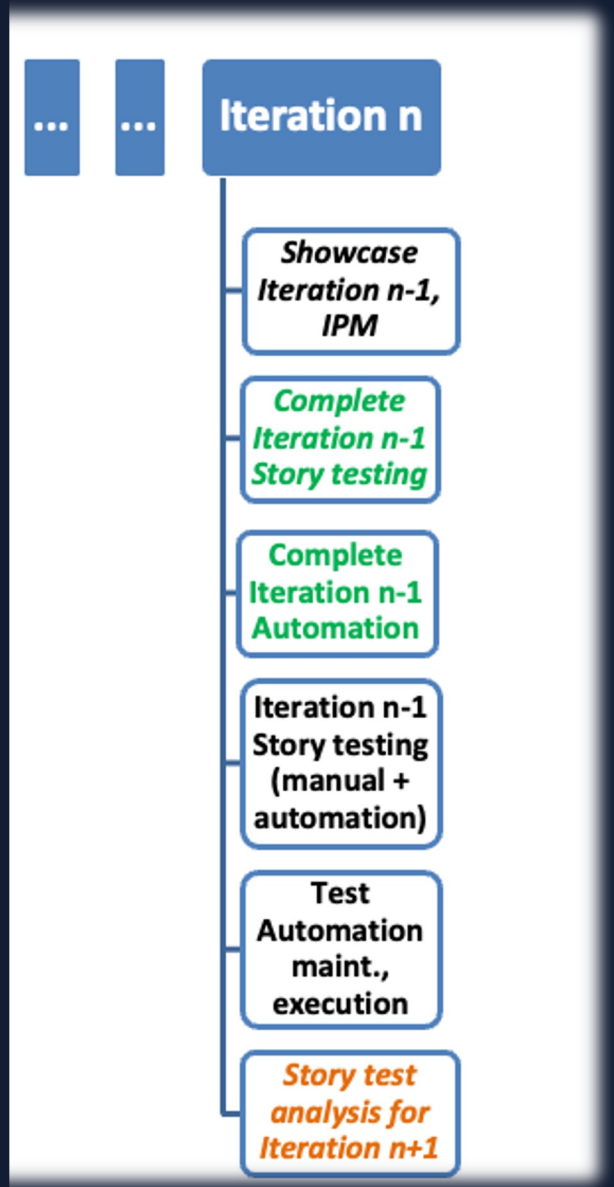

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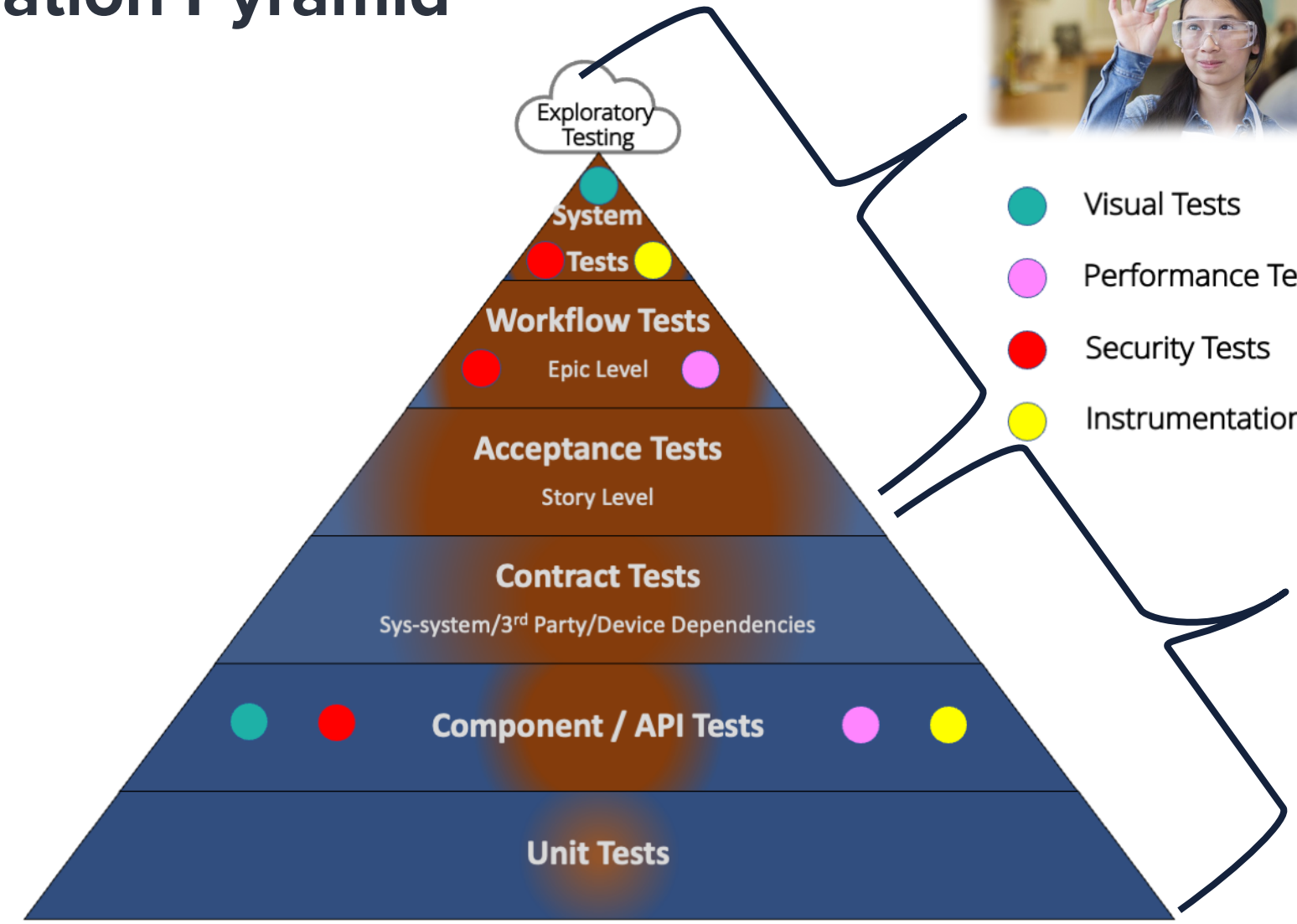
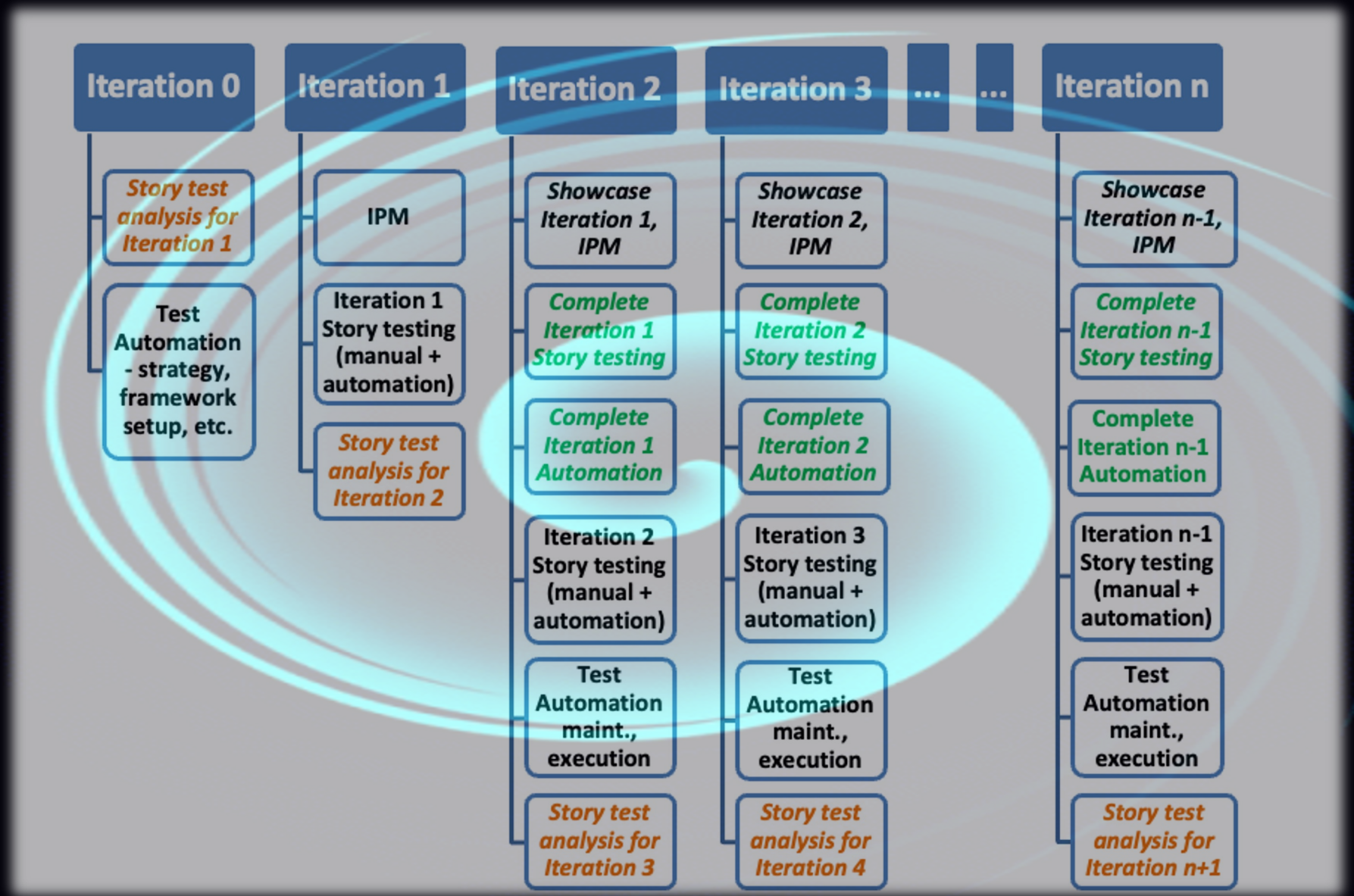
Test Automation Pyramid

Slow
More integration
Expensive



Fast
More isolation
Cheap

- Visual Tests
- Performance Tests
- Security Tests
- Instrumentation Tests



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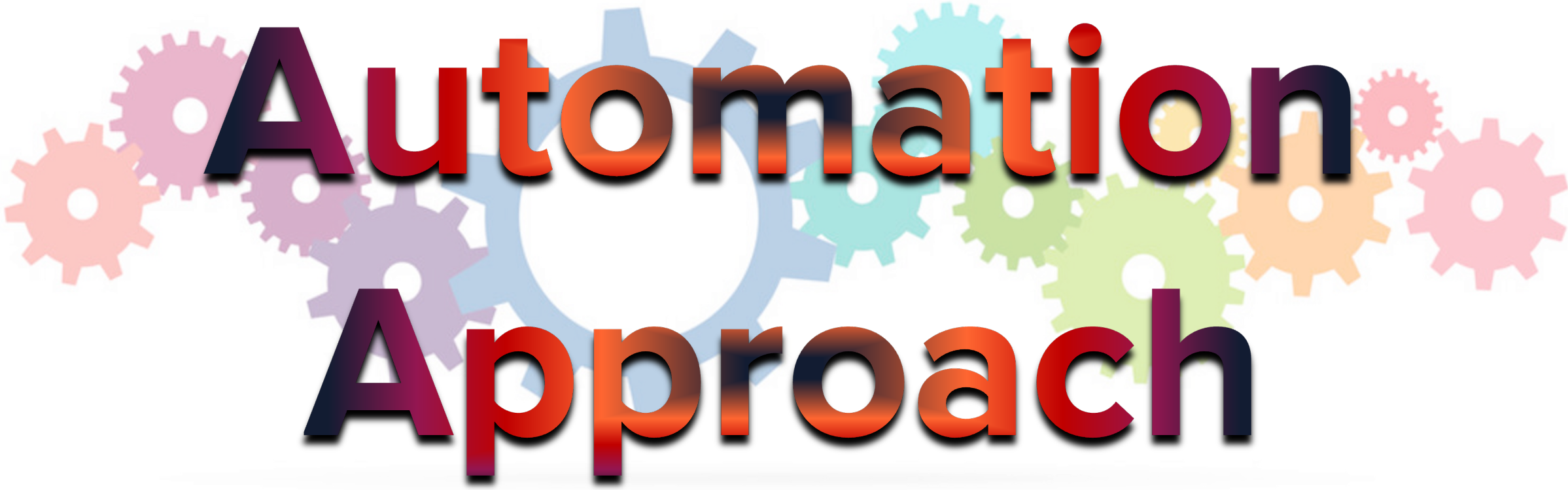

Waterfall Vs Agile

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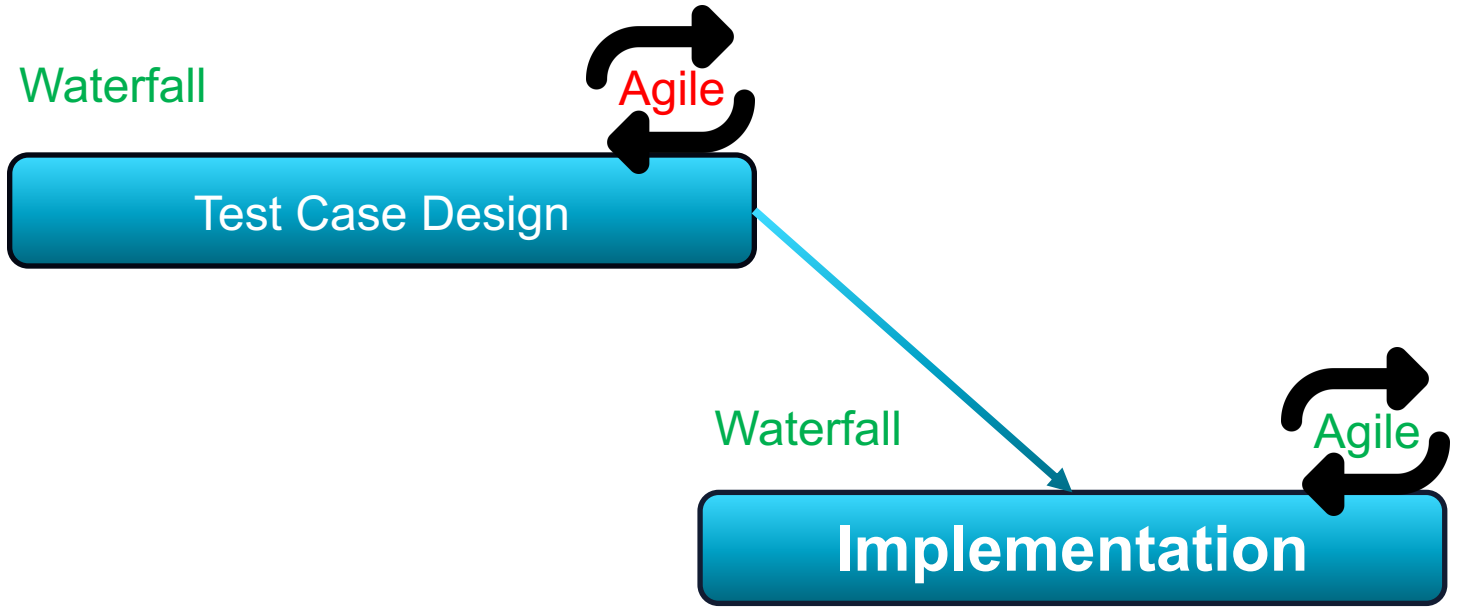
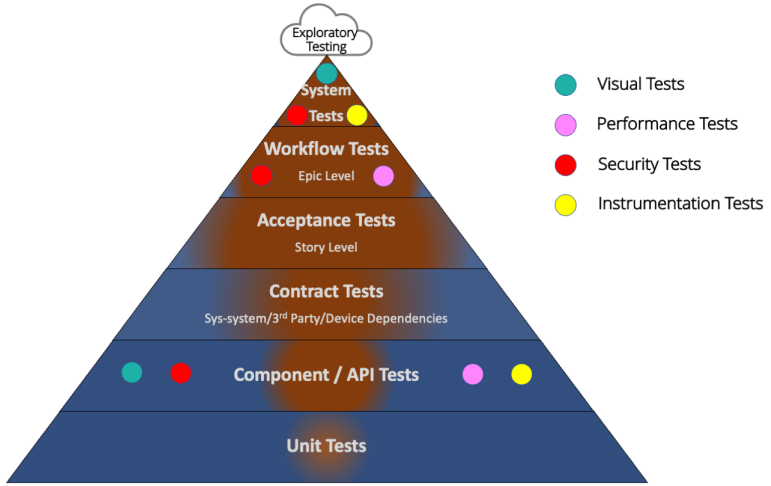
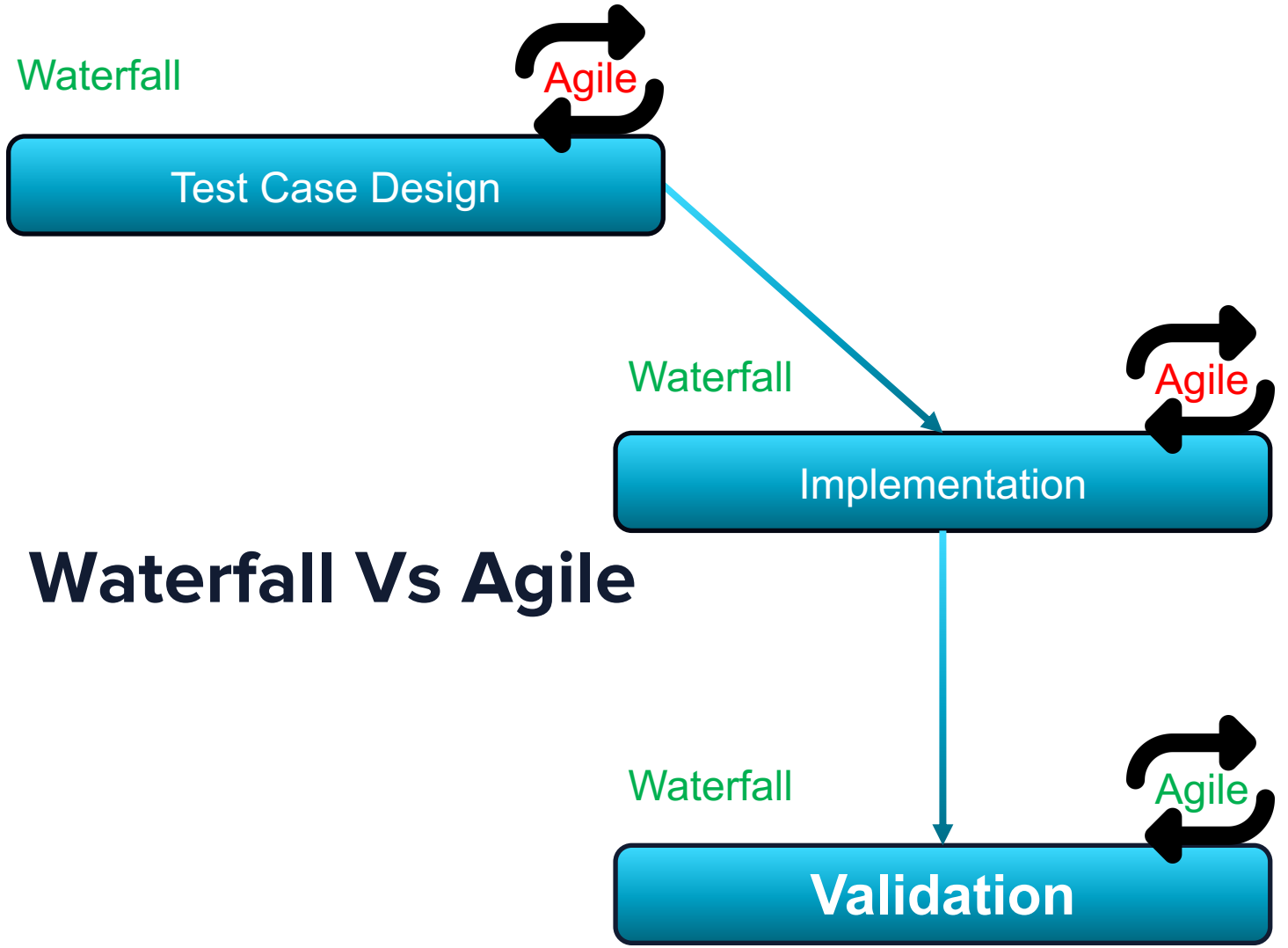
Waterfall Vs Agile

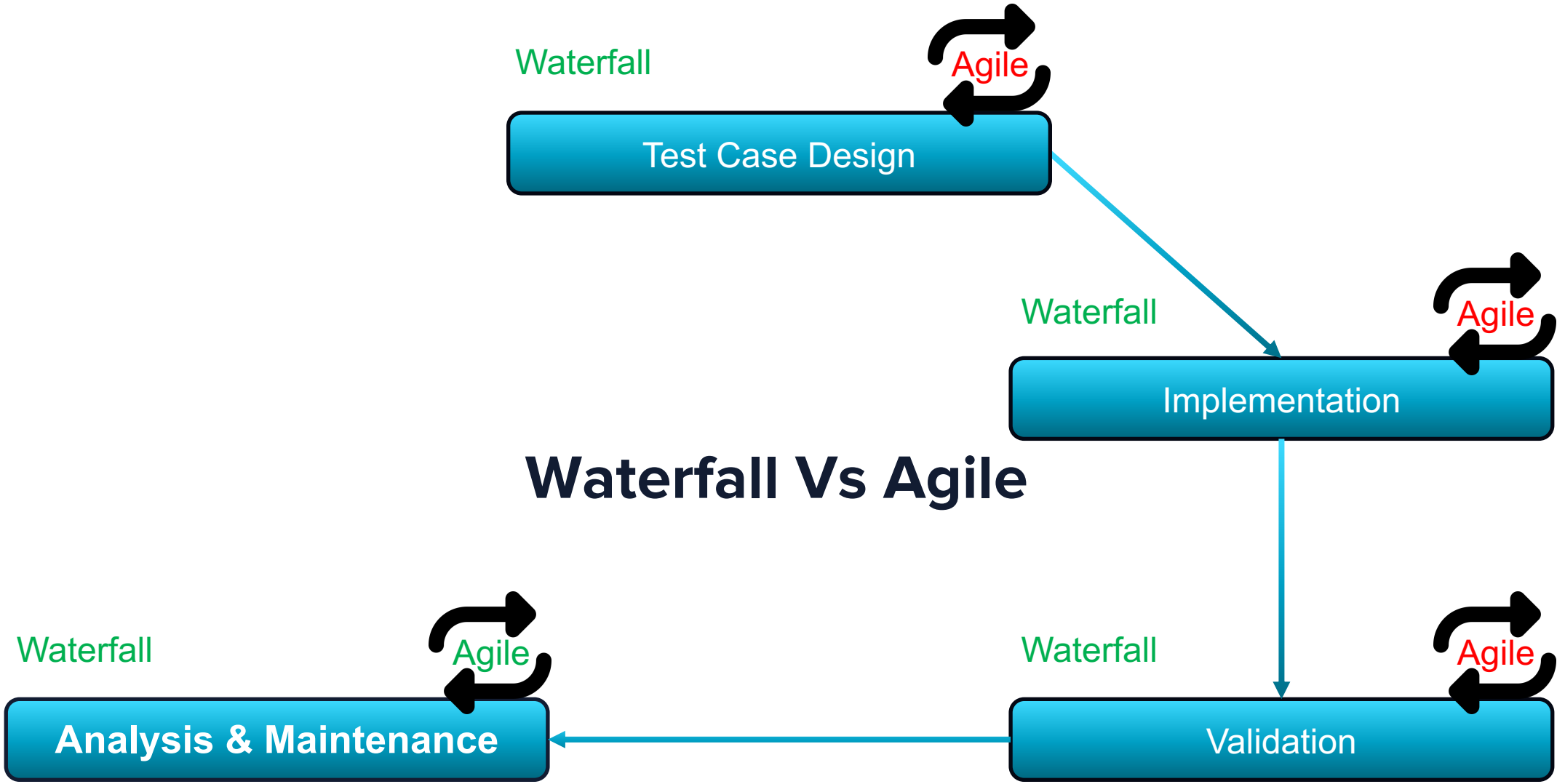


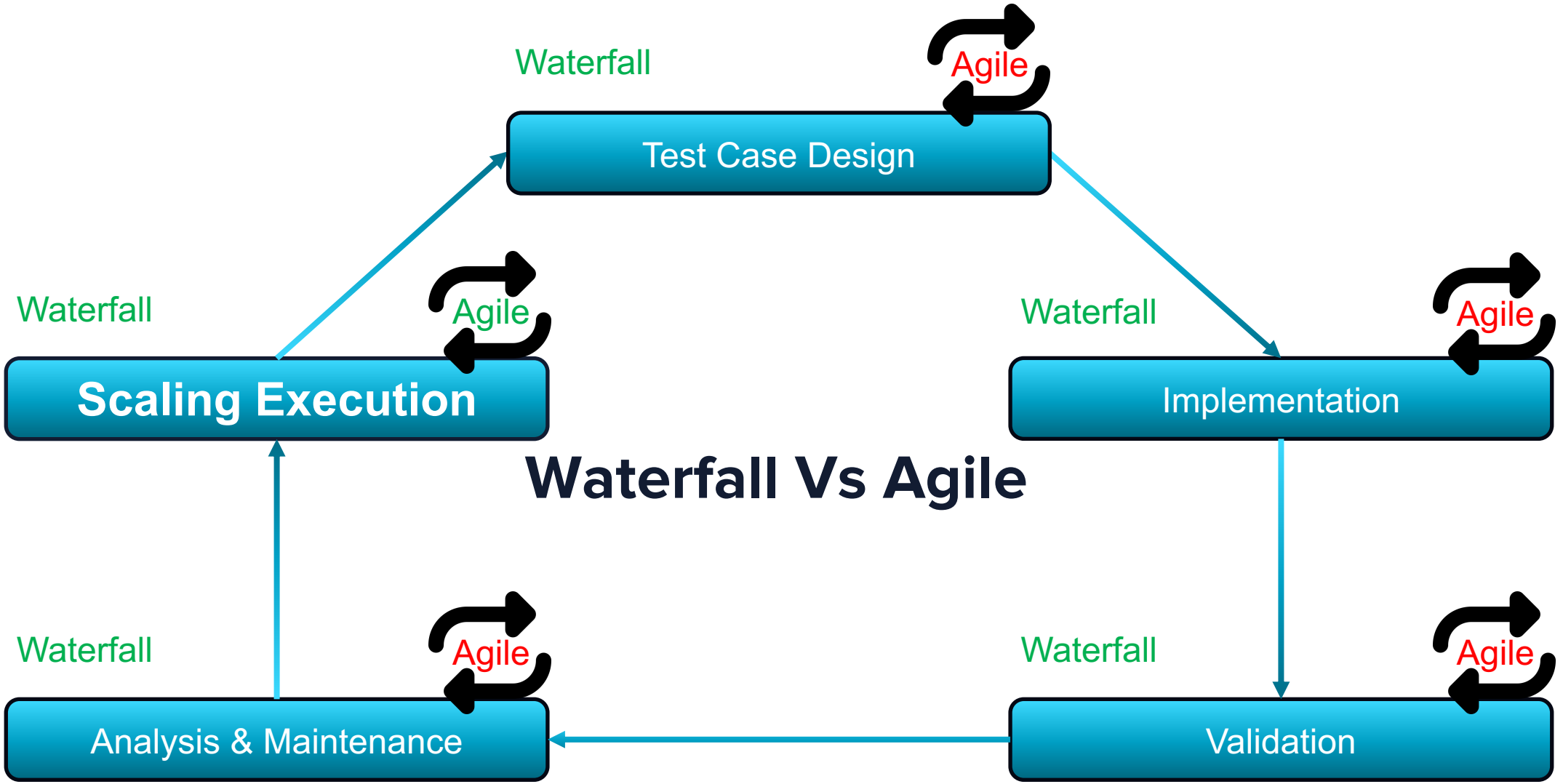
Waterfall Vs Agile



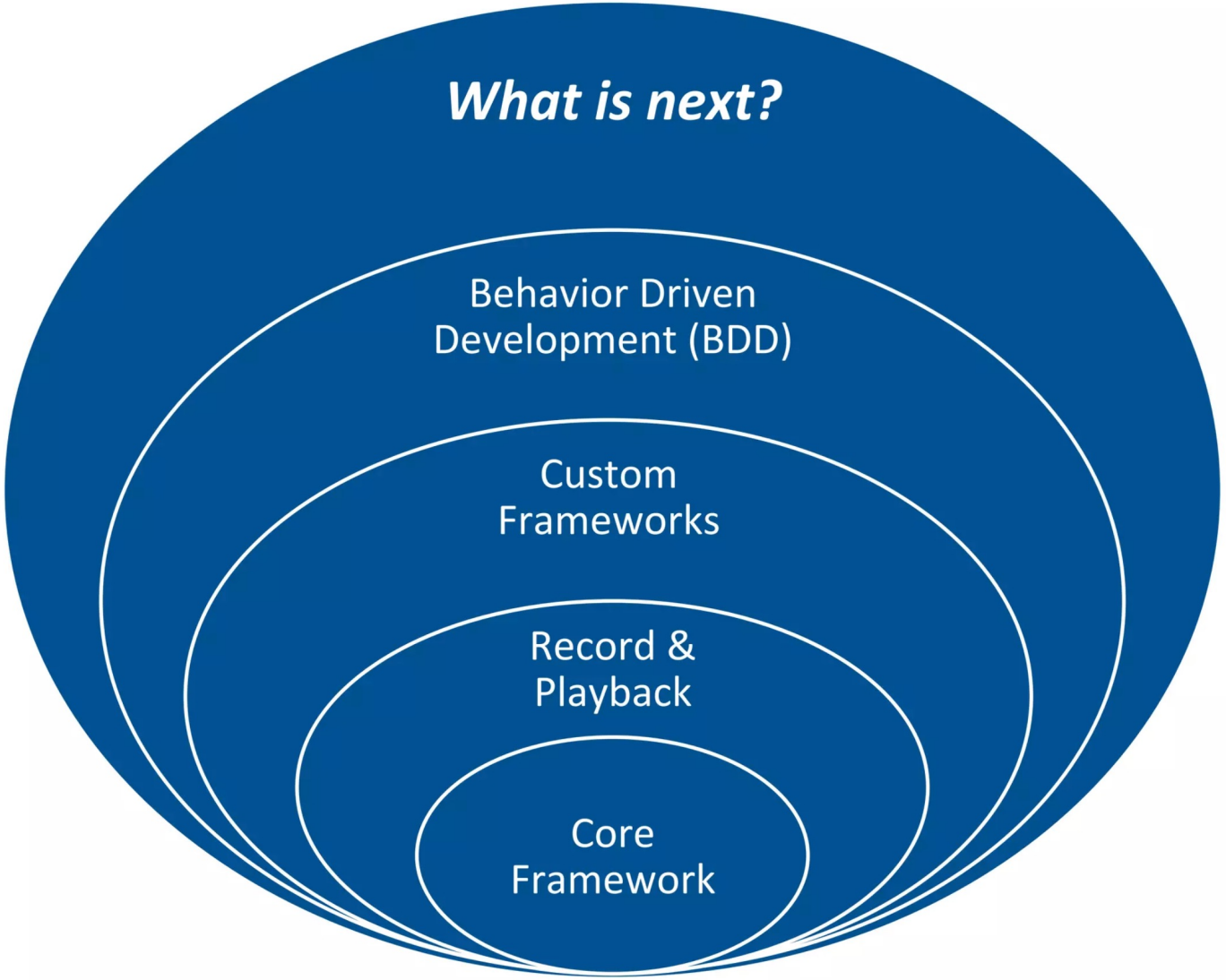
Waterfall Vs Agile



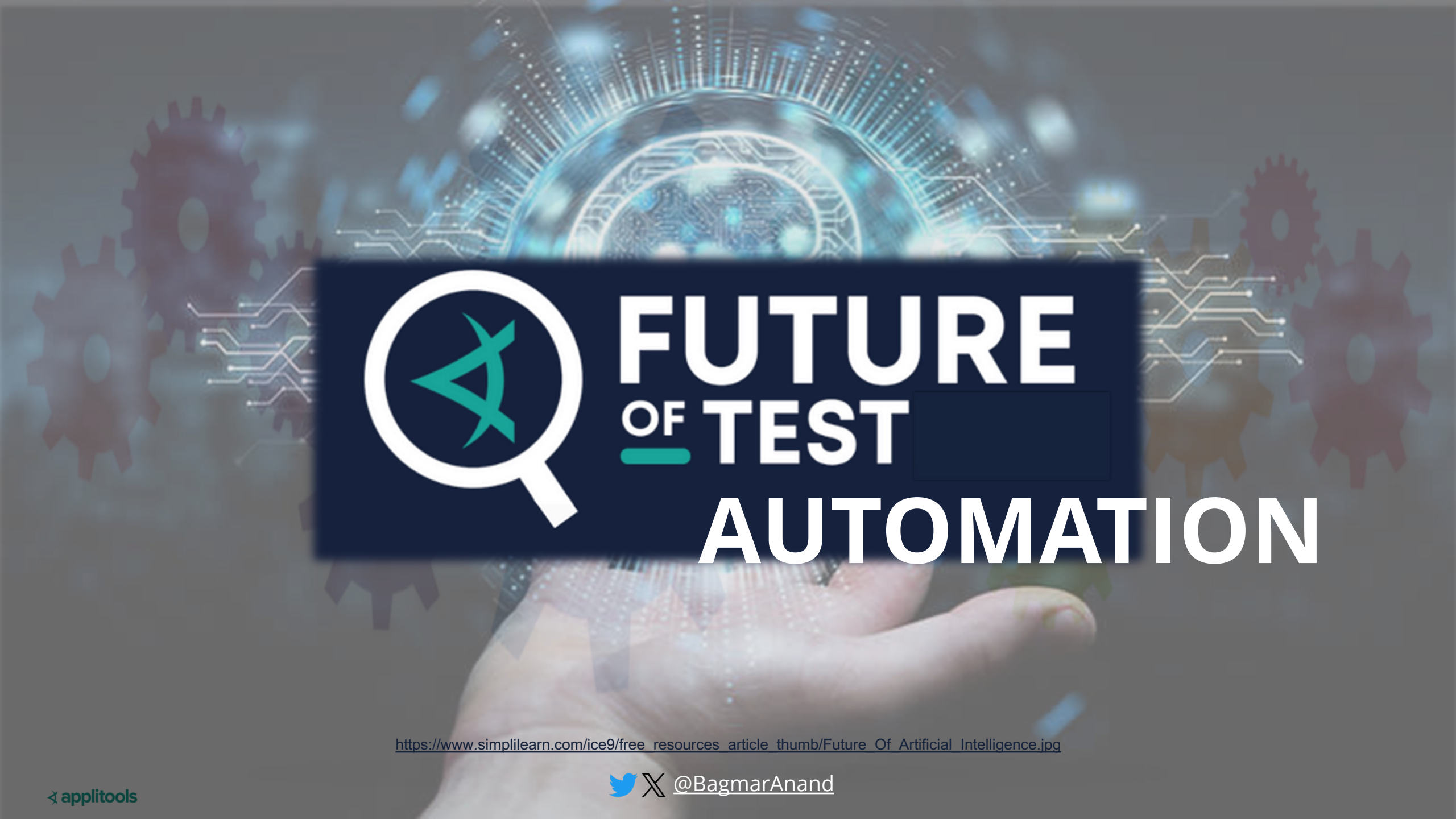

Waterfall
Agile
Test Case Design
Waterfall
Agile
Implementation
Waterfall Vs Agile
Waterfall
Agile
Analysis & Maintenance
Waterfall
Agile
Validation


Waterfall
Agile
Test Case Design
Waterfall
Agile
Scaling Execution
Waterfall
Agile
Implementation
Waterfall Vs Agile
Waterfall
Agile
Analysis & Maintenance
Waterfall
Agile
Validation

Automation in Agile Teams is Challenging!



https://www.slideshare.net/abagmar/future-of-testing-test-automation-and-the-quality-analyst



https://www.simplilearn.com/ice9/free_resources_article_thumb/Future_Of_Artificial_Intelligence.jpg

AI-Powered Automation

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DEMO

Test Case Design

Get **higher Test Coverage**, by writing less code, and automating fewer tests

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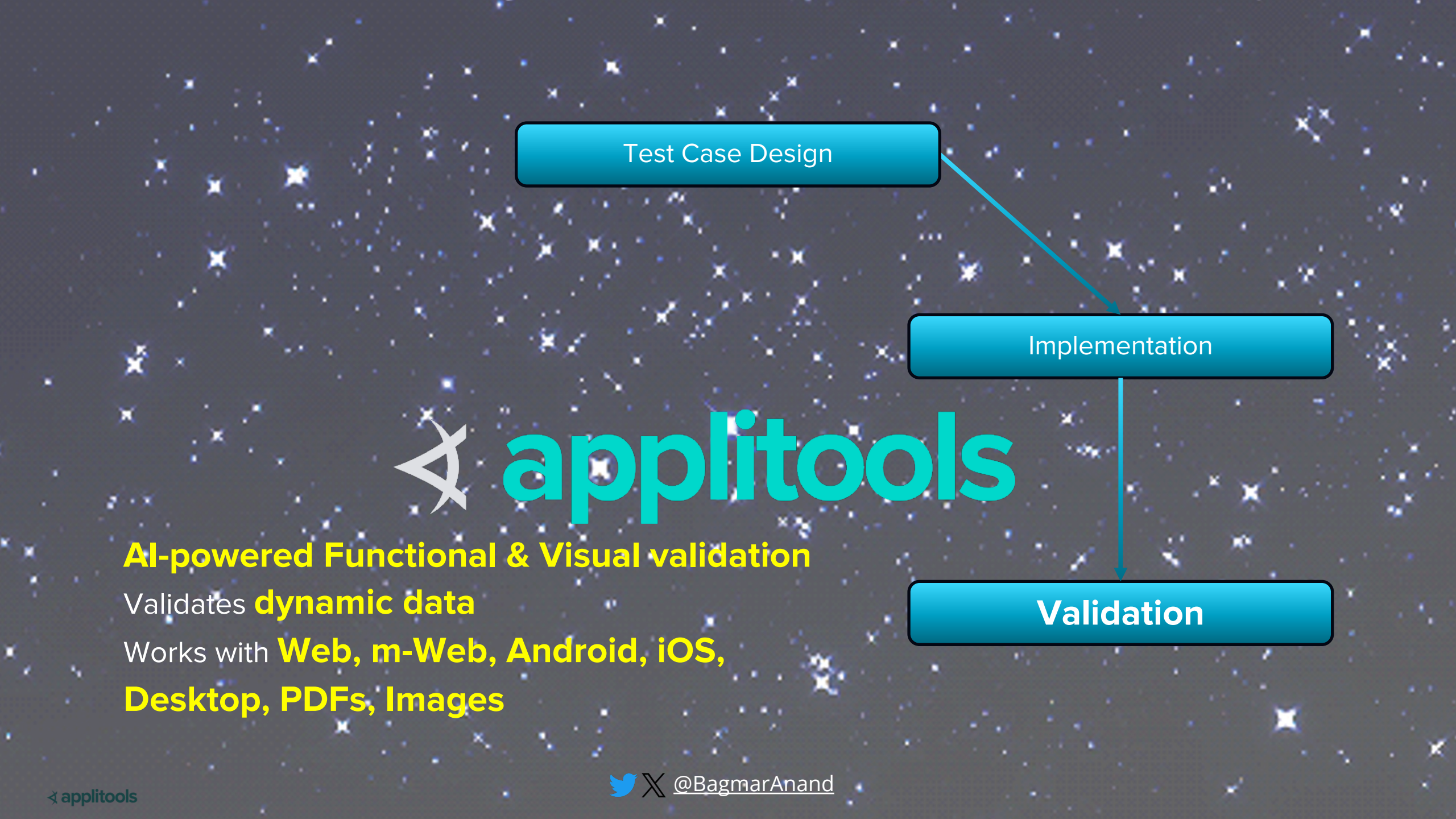
Test Case Design

Implementation

Easier, and faster to implement new tests

Integrate with **any automation tool**



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AI-powered Functional & Visual validation

Validates **dynamic data**

Works with **Web, m-Web, Android, iOS, Desktop, PDFs, Images**

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Test Case Design

Implementation

Validation

Analysis & Maintenance

Focus on **differences that matter**

Take quick decisions about **bugs, and baselines**

Know your **product quality** immediately

AI-powered Cross-Browser Scaling for all browsers & devices

Stable tests with Self-Healing in Execution Cloud

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Autonomous
COMING SOON
Testing

Summary

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EVOLVE

https://images.theconversation.com/files/273978/original/file-20190513-183109-hkq02k.jpg

EVOLVE

Automation Strategy
Tools
Leverage AI!

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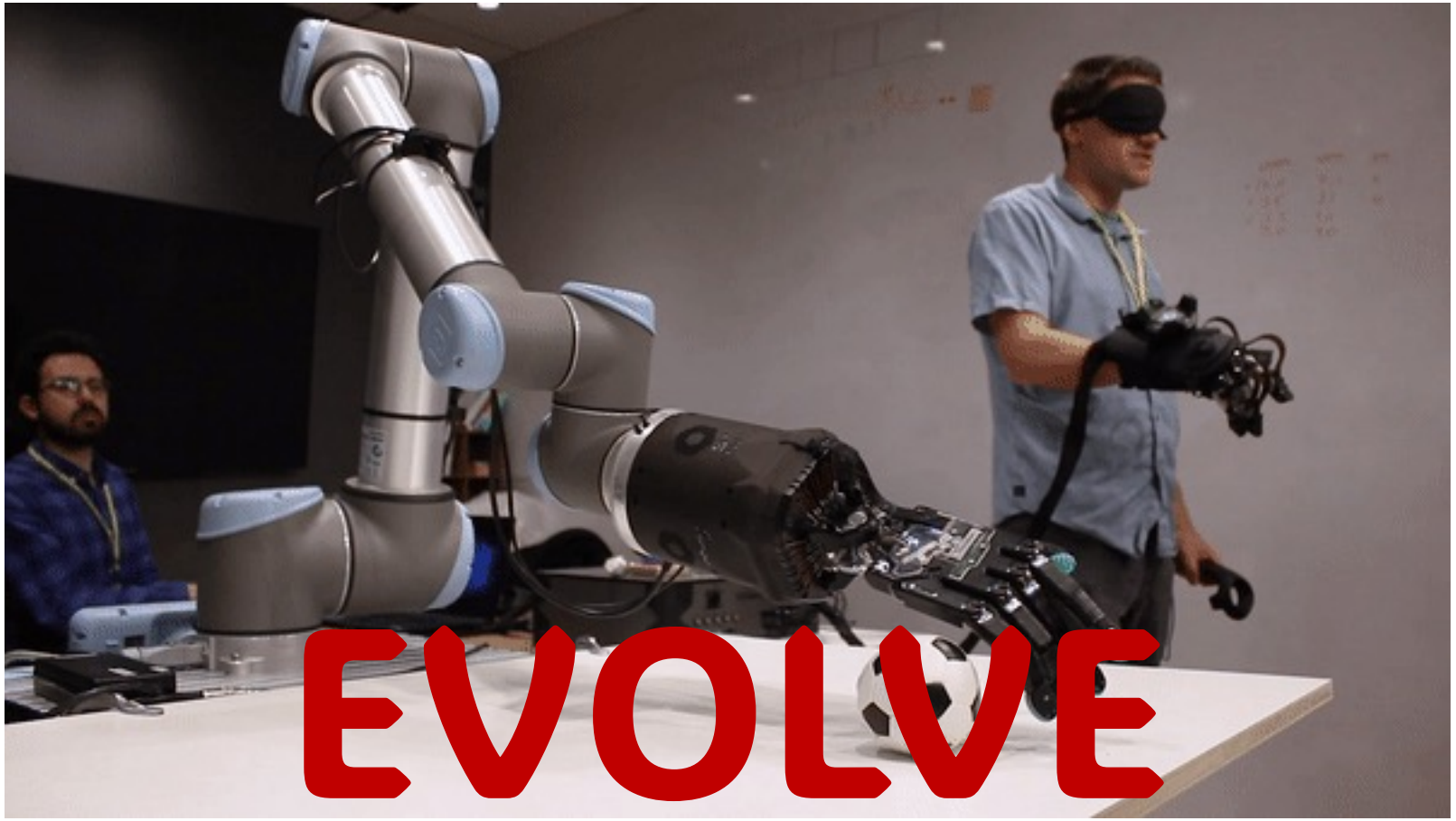
Human mind is essential!



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Thank you

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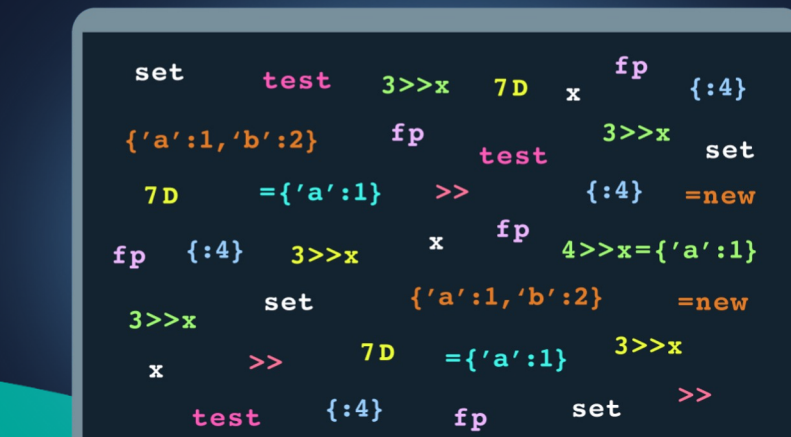
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