



Accelerate Business

What Sets Us Apart

DynaTech's Competitive Advantage

Backed by years of expertise and a team of skilled professionals, DynaTech Systems stands at the forefront of the IT services industry. Our extensive portfolio includes cutting-edge solutions in cloud, ERP and CRM implementation, data analytics, artificial intelligence, and more.

We prioritize long-term partnerships built on collaboration and trust, delivering innovative, scalable, and secure solutions to keep our clients ahead in a rapidly evolving landscape.



150+

Global Projects

100+

Happy Clients

420+

Expert Minds

Microsoft Cloud Capabilities



Cloud



Azure
Infra



Azure
Services



Logic
Apps



Service
Bus



Functions



Event
Grid



API
Management



Synapse
Analytics



Load
Testing



Data
Factory



Business Applications



Marketing



Sales



Finance



SCM



Commerce



Customer
Service



Field
Service



Finance &
Operations



Project
Operations



Human
Resources



Low Code



Power
Pages



AI
Builder



Power
Apps



Power
Automate



Copilot
Studio



Data & BI



Fabric



Dataverse



Power BI



Customer
Insights



OneLake



Data
Engineering



Copilot



Data
Lake



Data
Factory



Data
Science



Data
Warehouse



Lakehouse

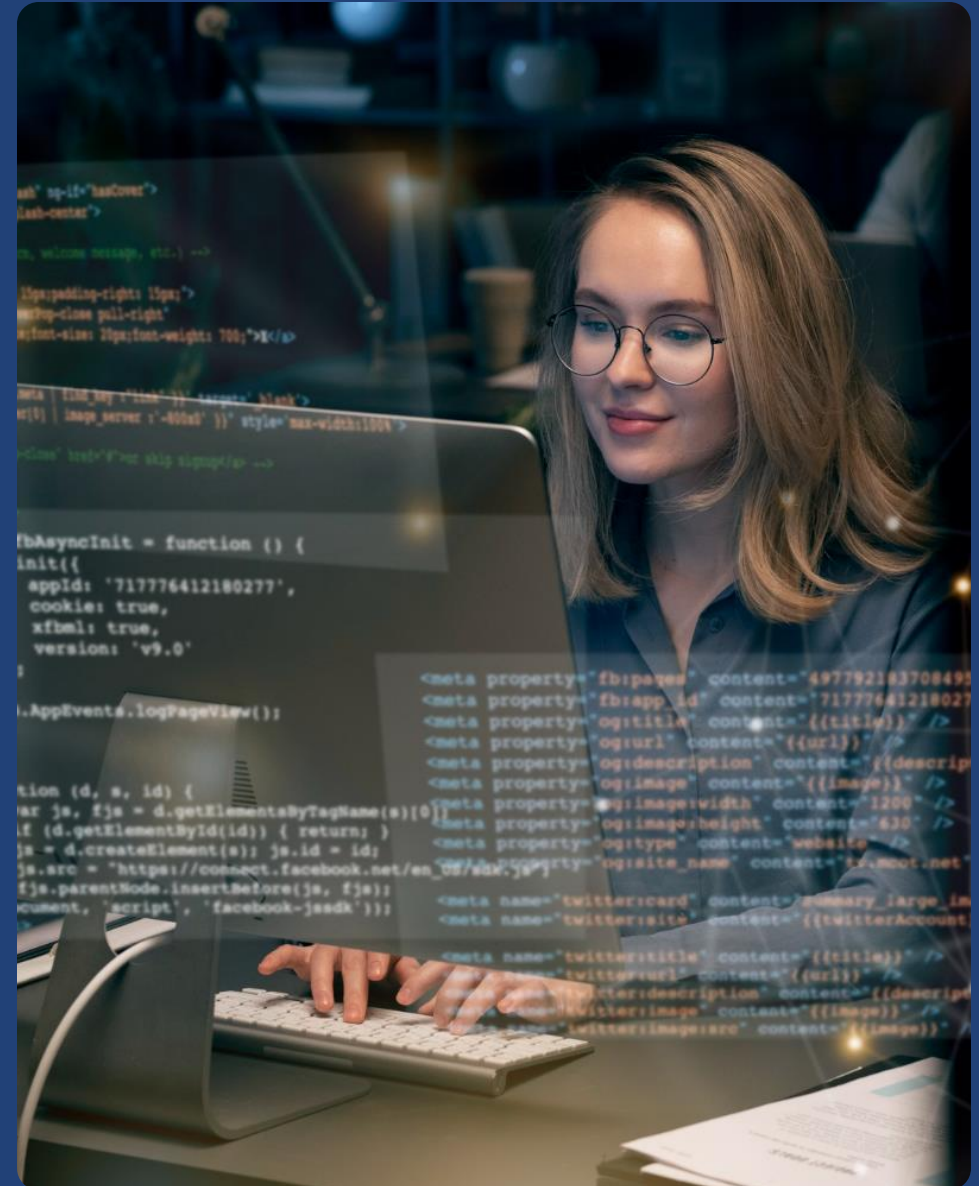


Microsoft
Purview



Real-Time
Intelligence

DynaTech Testing Services



About DynaTech

DynaTech as a QA & Test Automation Company



Streamline Your Quality Assurance with DynaTech!

Our cutting-edge solutions empower you to automate testing, ensuring seamless performance and accuracy while saving time and resources.

100+

Testing Projects
Completed

10+

Industries
Served

12+

Years of
Experience

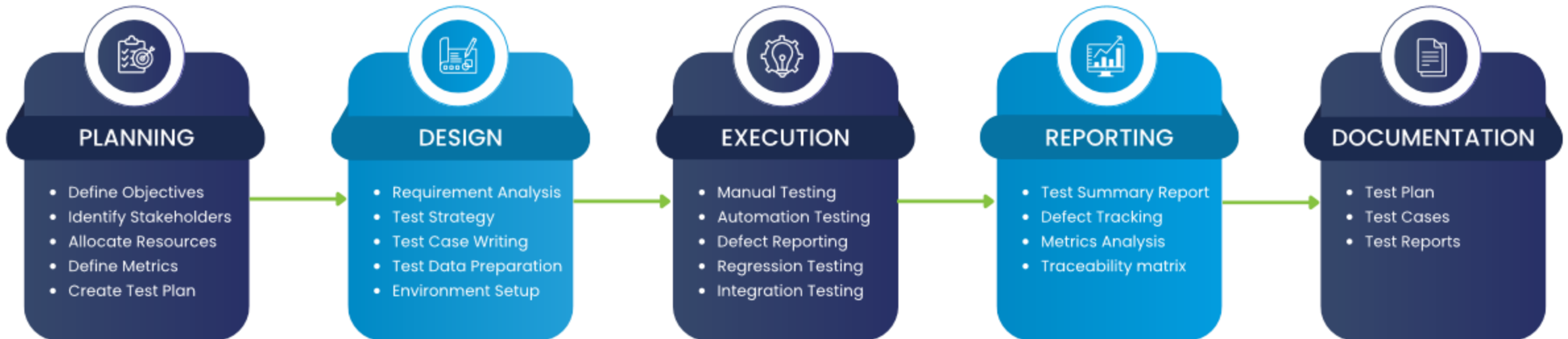
20+

Testing Automation
Engineers

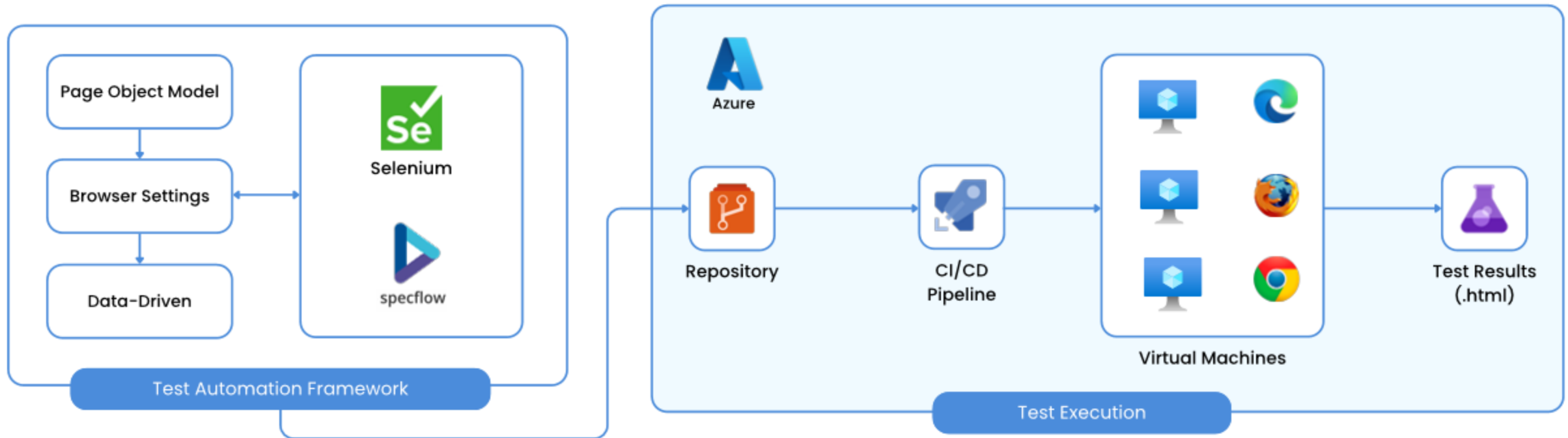
2-17

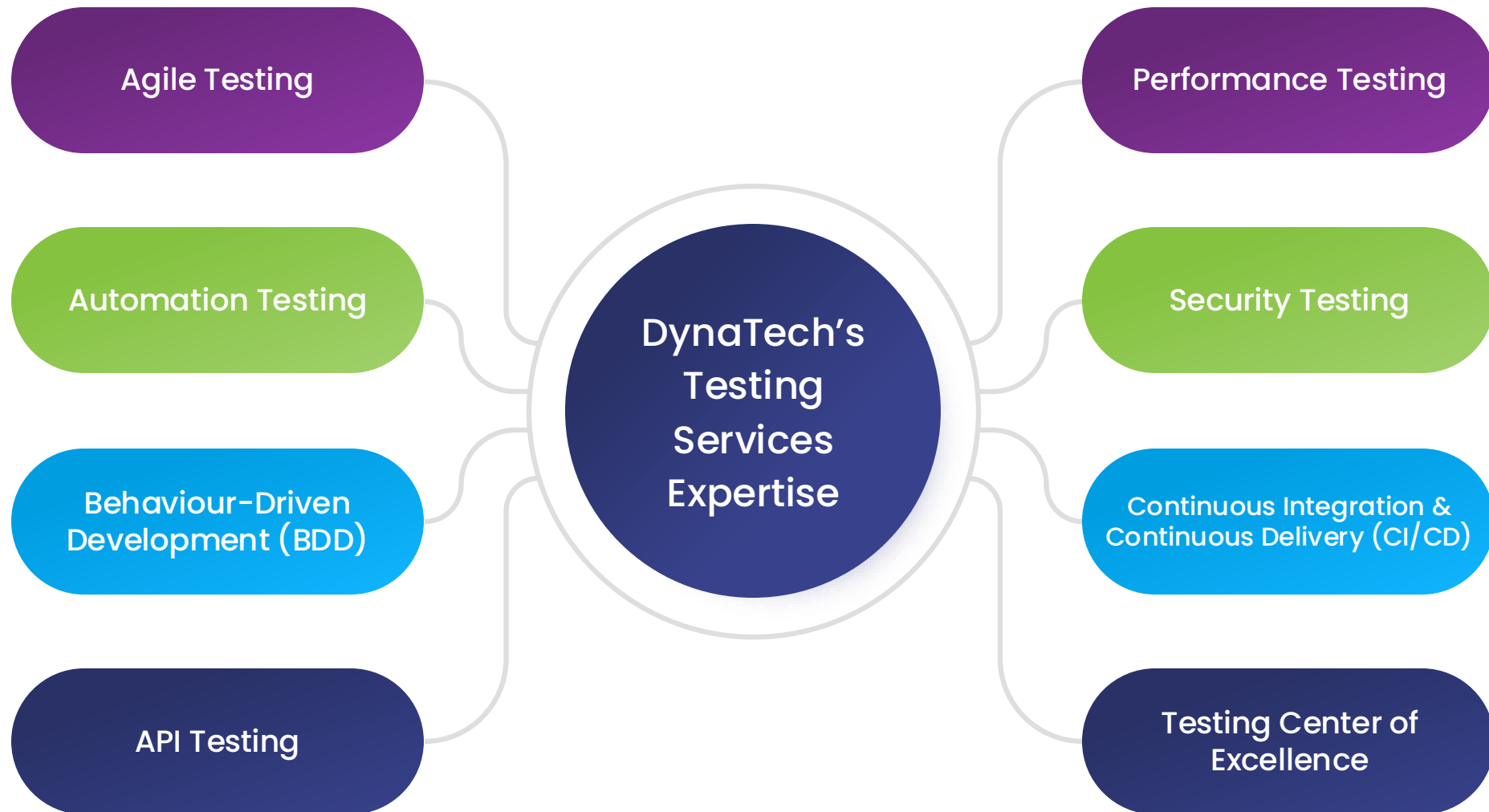
years of Experienced
Testing Engineers

DynaTech's well-defined testing automation strategy ensures structured execution, enabling efficiency, accuracy, and traceability across all testing stages for seamless quality assurance.

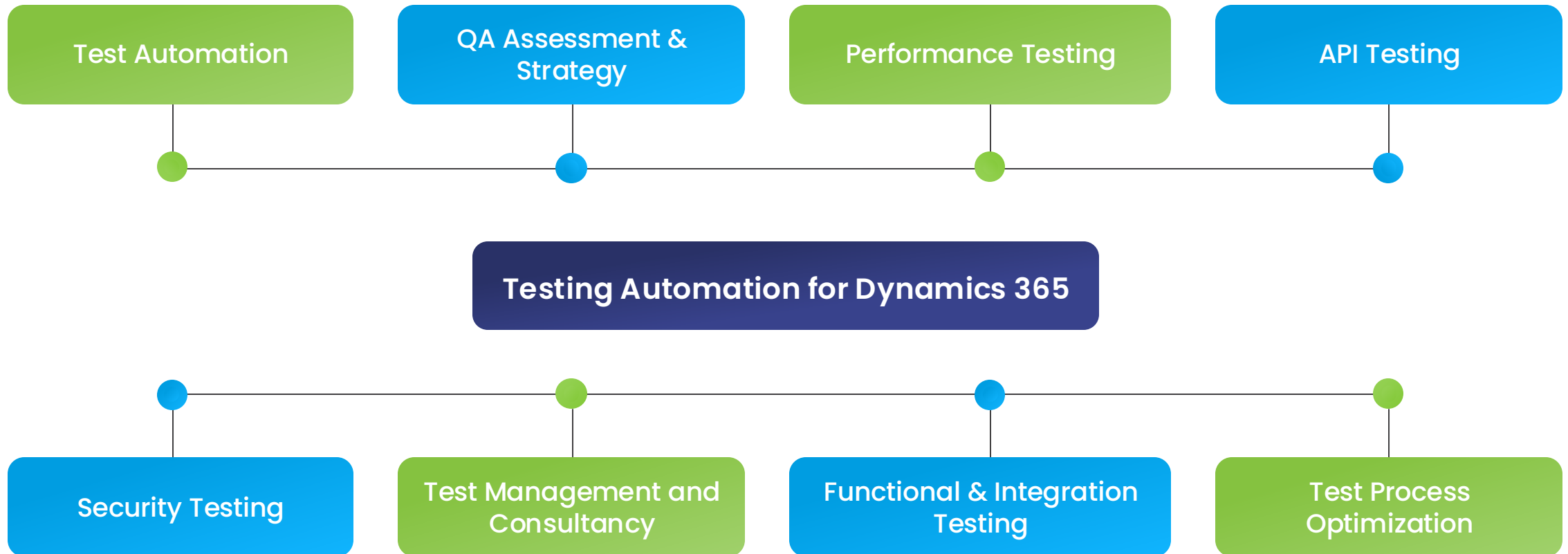


Our robust test automation ecosystem integrates tools and frameworks to streamline execution, optimize performance, and enhance scalability for continuous and reliable testing.

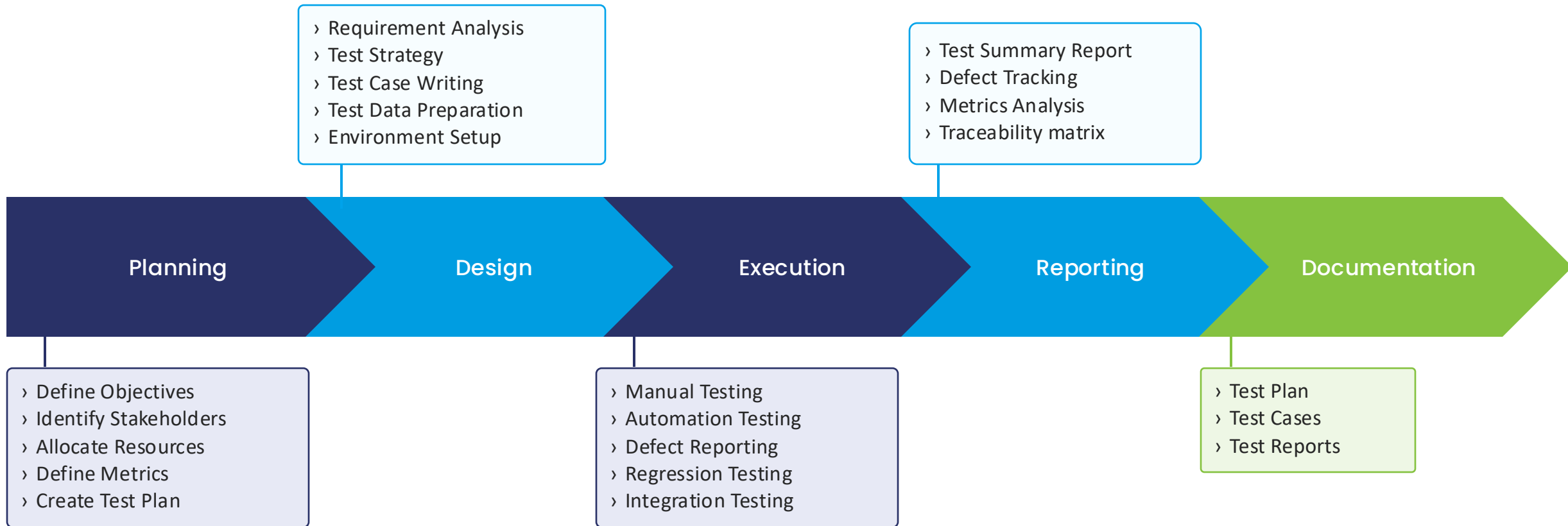




DynaTech, a leading provider of Dynamics 365 automated testing services, ensures your deliverables meet all performance, functionality, security, and reliability expectations. With over a decade of industry experience, we utilize the latest tools and best practices to deliver high-quality products that align with global market demands.



QA Process



QA Policies

Quality Policies

- › Quality Standards and Processes
- › Testing Techniques and Tools
- › Training and Development
- › Documentation and Reporting
- › Risk Management
- › Communication and Collaboration

Quality Metrics

- › Defect Density
- › Test Case Efficiency
- › Automation Test Coverage
- › Defect Leakage
- › Test Execution and Pass Rate
- › Automated Test Maintenance Effort

Performance Testing Services

Load Testing

Evaluate your software's performance by simulating real-world user loads. Identify performance thresholds and optimize scalability to handle expected user demands seamlessly.

Scalability Testing

Ensure your applications can grow with user loads and data volumes. Identify and eliminate scalability bottlenecks for a responsive user experience under increasing demands.

Stress Testing

Test your system's resilience by pushing it to its limits under extreme conditions. Identify vulnerabilities and enhance performance to maintain functionality during high-pressure scenarios.

Capacity Planning

Plan for future success by analyzing your system's capabilities. Gain insights into resource allocation and ensure your software meets increasing demands while maintaining peak performance.

Benchmark Testing

Assess your software against industry standards to gain a competitive edge. Provide insights and a strategic roadmap for continuous improvement, ensuring exceptional performance.

Regression Testing

Validate software updates to maintain performance quality. Prevent regressions and ensure new features enhance the user experience without compromising reliability.

End to End Performance Testing

- › Run end to end performance tests to assess application
- › All components/servers/services covered.

Front end UI Performance Testing

- › Easy to use, faster and reliable
- › Look and Feel of application

API / Micro Service Testing

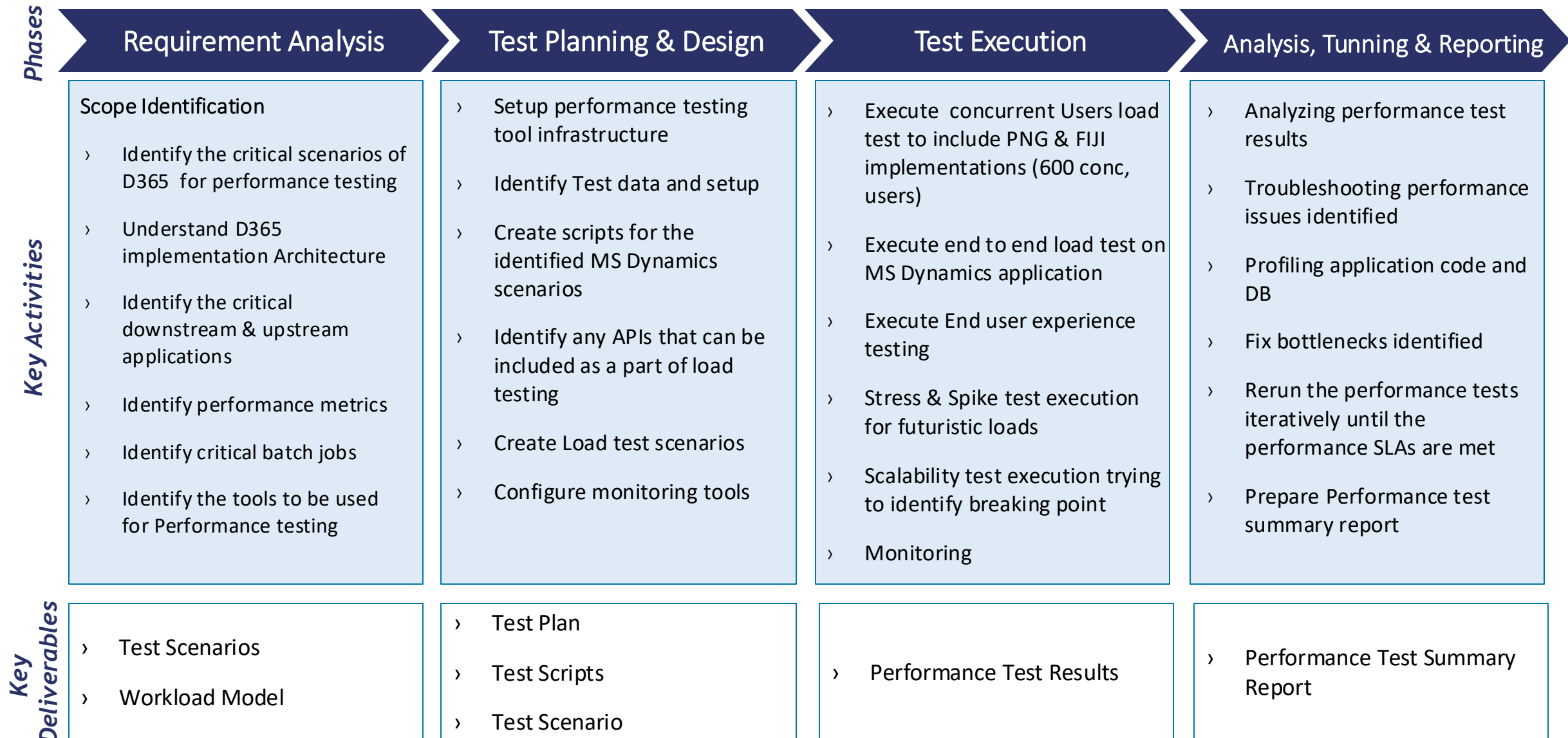
- › To Test all internal service calls
- › Test API or Micro-Services

Performance Tuning

- › Analyse, debug and Tune application
- › Network, monitoring using APM tools

Agile Shift-left Performance Automation using DevOps

- › Improve time to market Agile environment
- › Provide best performance automation framework using DevOps



Performance Test



JMeter



StressStimulus



Azure Load Testing



Artillery

Monitoring



Azure Monitor

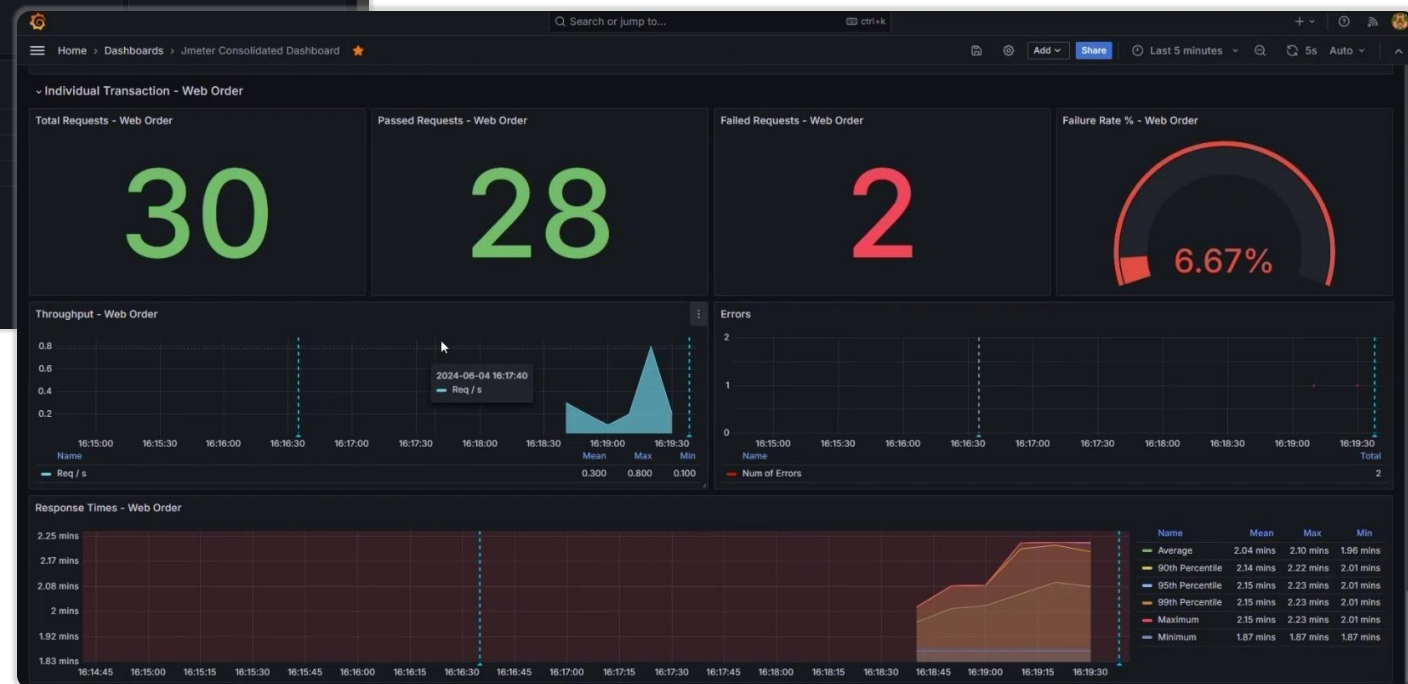
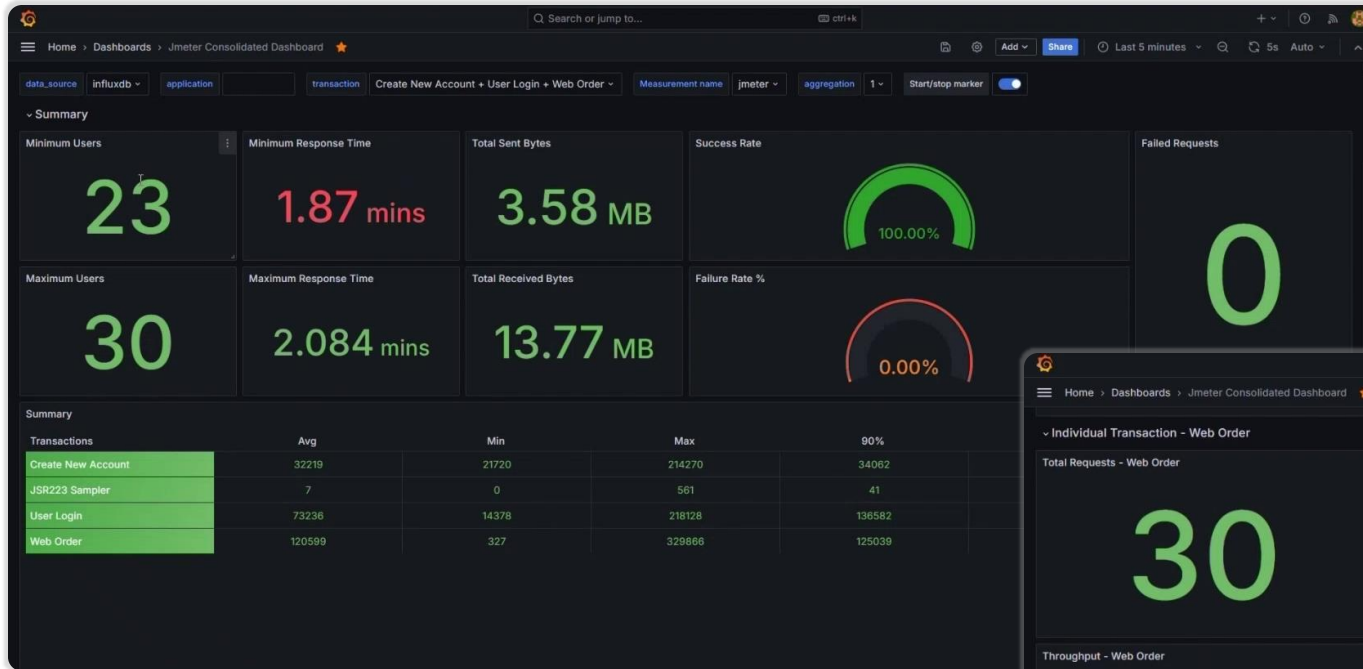


Application Insights

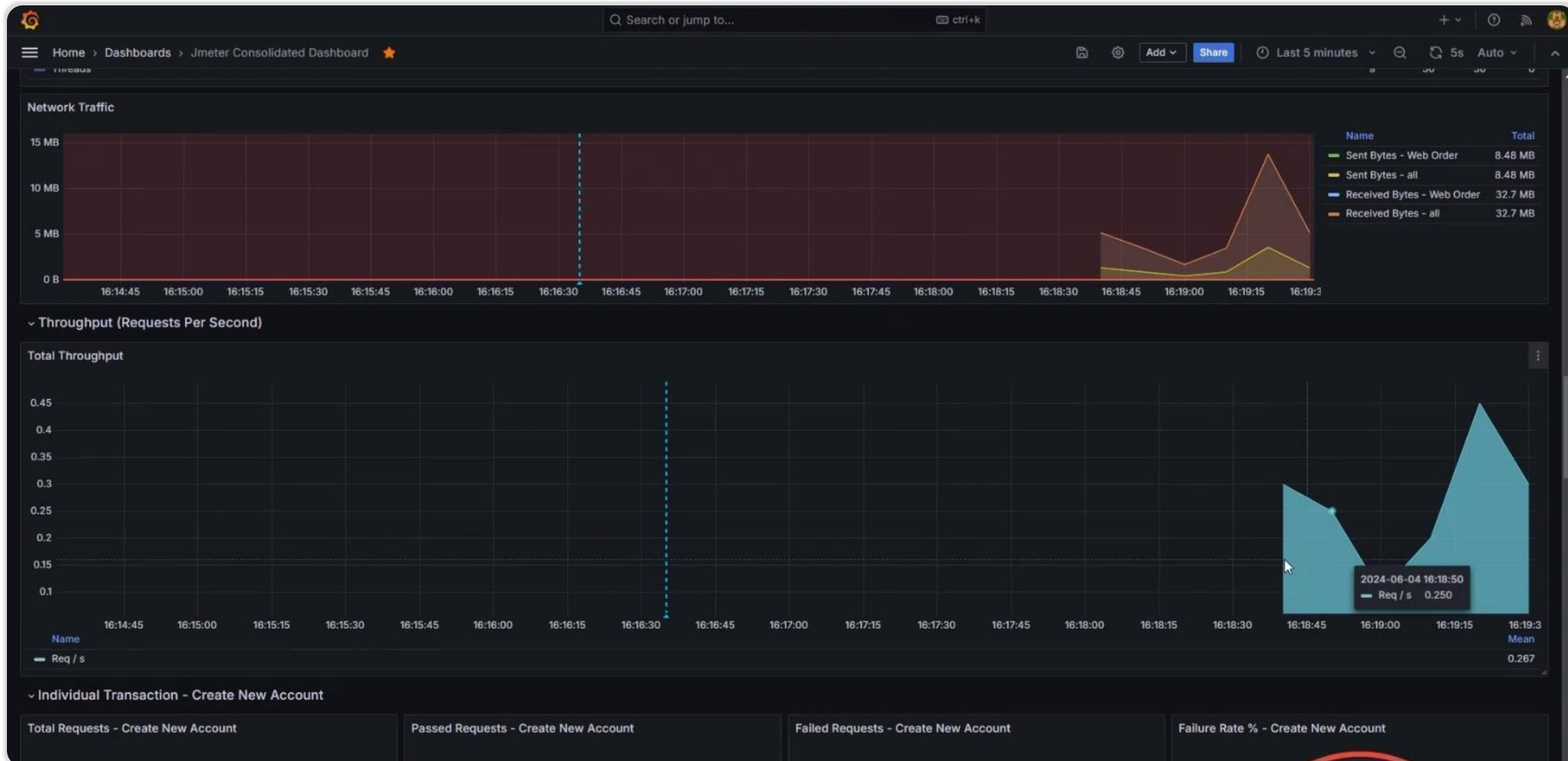


Grafana

Analyze success and failure rates, identify transaction trends, and detect potential bottlenecks before they affect live operations.



Measure system responsiveness, optimize latency, and enhance throughput to maintain seamless user experiences under varying workloads.



API Testing Services

API Performance Testing

Enhance your application's speed and reliability with our API Performance Testing. We combine functional and load testing to identify performance bottlenecks and ensure seamless functionality under peak loads.

API Automation Testing

Accelerate your development pipeline with automated API Testing. Our QA experts create tailored test suites that maximize automation, boosting speed and accuracy for a more efficient testing process.

API Security Testing

Protect your digital assets with our API Security Testing. We identify vulnerabilities, secure sensitive data, and ensure robust authentication and permission settings to elevate your platform's security.

API Integration Testing

Ensure seamless data flow between systems with our API Integration Testing. We verify compatibility and communication, mitigating risks associated with interconnected systems for reliable application performance.

Web API Testing

Optimize your web APIs with our comprehensive testing services. Validate endpoints and assess data exchange across browsers and devices to guarantee a consistent user experience.

Functional API Testing

Ensure your API performs as intended with our Functional API Testing. We conduct thorough evaluations of all functionalities and error handling for reliable and accurate performance.

API Testing Tools



Swagger



Postman



SoapUI



katalon

DevOps Services

DevOps Consulting Services

Transform your organization with tailored DevOps consulting. We assess your needs, develop strategies, and enhance collaboration while implementing continuous integration to reduce costs and increase agility.

Infrastructure Management

Maximize your IT potential with our Infrastructure Management services. We ensure robust monitoring and maintenance, mitigating risks to let you focus on innovation while we manage your infrastructure.

Azure DevOps Services

Unlock Microsoft Azure's capabilities with our DevOps as a Service. We customize solutions to enhance collaboration, automate workflows, and optimize development for quick releases and high-quality applications.

Continuous Integration and Delivery

Accelerate your development with our CI/CD services. We automate code integration and testing for rapid, error-free deployments, enabling your team to focus on innovation and quality.

IT Infrastructure Implementation and Migration

Transform your IT with our implementation and migration services. We ensure seamless transitions to new technologies or cloud environments, minimizing downtime and risks for sustained growth.

DevSecOps Services

Secure your DevOps practices with our DevSecOps solutions. We integrate proactive security measures throughout the development lifecycle, ensuring your applications are innovative and safe.

Automation



Apache JMeter



Cucumber

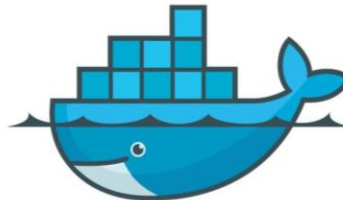


Selenium



TestRail

Containerization



Docker

Functional Testing Services

Regression Testing

Ensure software stability by verifying that new features don't disrupt existing functionalities.

Automated Functional Testing

Speed up testing with automated solutions that enhance accuracy, allowing focus on innovation.

User Acceptance Testing

Validate your product's readiness by having real users assess functionality and usability.

Integration Testing

Ensure seamless collaboration between modules through comprehensive validation of their performance.

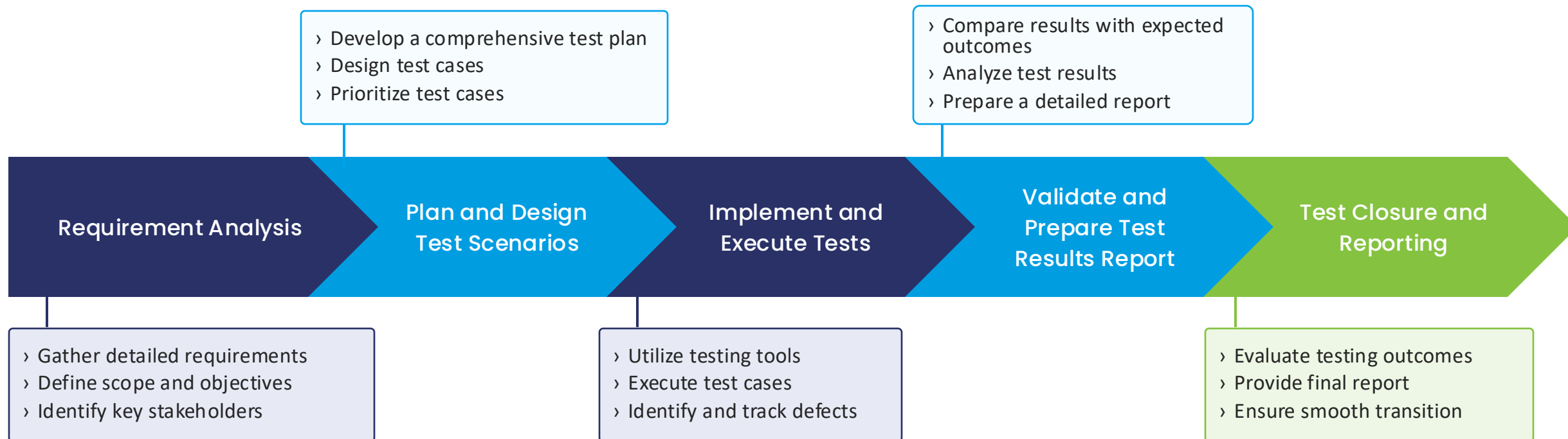
Smoke Testing

Catch early errors by testing core functionalities for stability before further testing.

System Testing

Validate user scenarios to ensure your software meets requirements and performs as expected.

Functional Testing Process



Test Management and Consulting Services

Test Strategy Development

Develop a tailored test strategy that aligns with your project goals, enhancing efficiency and ROI.

Test Planning and Execution

Collaborate with our experts to meticulously plan and execute tests, ensuring thorough coverage and early defect detection.

Managed Testing Services

Outsource testing to our dedicated team for functional, performance, and regression testing, allowing you to focus on your core business.

Test Process Improvement

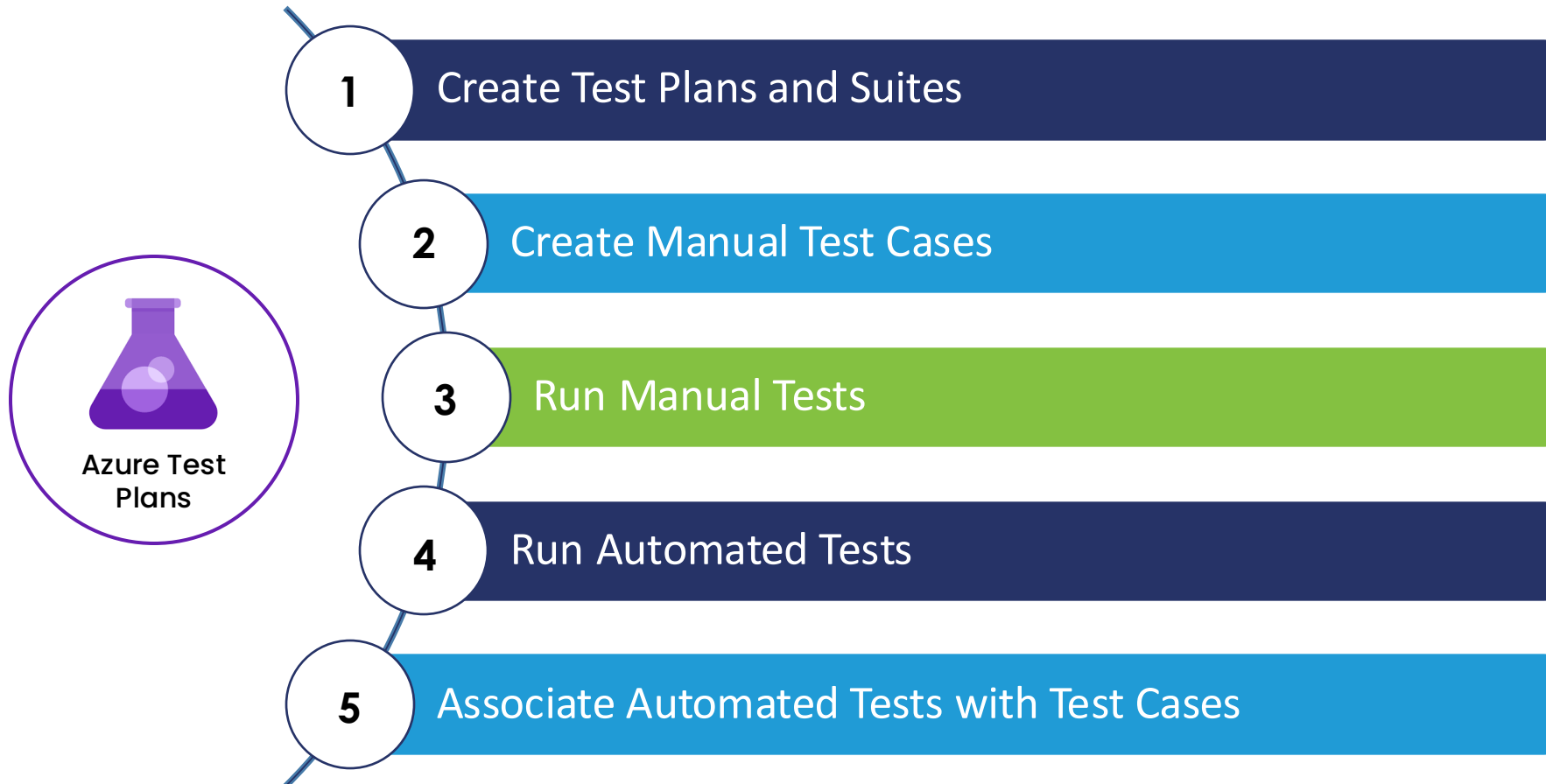
Enhance testing efficiency by identifying improvement areas & implementing best practices, streamlining workflows and resource allocation.

Test Management Tools and Practices

Receive expert guidance on selecting and implementing the right test management tools to boost efficiency and productivity.

Test Reporting and Analytics

Utilize advanced reporting to gain insights into testing quality and progress, driving informed decisions for continuous improvement.



Test Automation Services

AI-Powered Automated App Testing

Leverage AI-driven automation for precise and efficient application testing. Our tools, integrated with machine learning algorithms, ensure comprehensive coverage and rapid issue identification, enhancing app quality.

Robotic Process Automation (RPA)

Streamline your workflows with our RPA testing services. Automate repetitive tasks to reduce errors and boost productivity, optimizing your operations for a competitive edge.

IoT Devices Testing

Ensure the functionality of your IoT devices with our specialized testing services. We focus on interoperability, security, and performance using advanced tools to validate your entire IoT ecosystem.

Microservices Testing

Address the unique challenges of microservices architecture with our tailored testing solutions. Validate scalability and performance of each microservice independently and in integration for a robust architecture.

Automated Regression Testing

Accelerate your development lifecycle with automated regression testing. Our advanced tools rapidly execute test suits to ensure new code changes do not affect existing functionalities, enhancing reliability.

Cloud-based Test Automation

Experience agile and scalable testing with our cloud-based automation services. We offer dynamic testing across platforms and devices, ensuring collaboration, rapid scalability, and cost-effective solutions.

CI/CD



Azure DevOps



Jenkins



Jira

Automation



Selenium



Playwright



Cucumber

Performance Testing



Apache JMeter



Load Testing



BlazeMeter

Test Management



Azure



TestRail



Zephyr

D365 CE Execution Flow



Ensure version control, collaboration, and maintainability, leveraging the Page Object Model (POM) for scalable and reusable test automation with DynaTech's structured and centralized repository.

The screenshot displays the Azure DevOps web interface for a repository named 'D365_Automation_ClientDemo'. The left sidebar shows the project structure with folders 'PageObjects' and 'Tests', and files 'PageObjects.csproj', '.gitattributes', '.gitignore', 'D365_Automation_ClientDemo.sln', and 'Test_Data.xlsx'. A yellow circle highlights the 'Test_Data.xlsx' file. The main area shows the 'Files' view for the 'master' branch, listing the same files and folders with their last change times and commit hashes. The table below summarizes the file details shown in the interface.

Name ↑	Last change	Commits
PageObjects	Just now	66a42310 Updated folder structure Di...
Tests	4m ago	9010db5b FO Tests Divyaraj Dodia
.gitattributes	5 Feb	9f509bcc Add .gitattributes and .gitig...
.gitignore	5 Feb	9f509bcc Add .gitattributes and .gitig...
D365_Automation_ClientDemo.sln	4m ago	9010db5b FO Tests Divyaraj Dodia
Test_Data.xlsx	4m ago	9010db5b FO Tests Divyaraj Dodia

Streamline code validation, test execution, and reporting, enabling seamless integration and continuous quality assurance.

The image displays two overlapping screenshots of the DynaTech CI/CD Pipeline interface. The background screenshot shows the 'Pipelines' page with a list of recently run pipelines. The foreground screenshot shows a detailed view of a specific pipeline task.

Background Screenshot: Pipelines Page

- Header: dynatechconsultancy / Playwright POC QA Automa... / Pipelines
- Search bar: Search
- Buttons: New pipeline, Filter pipelines
- Tabs: Recent, All, Runs
- Section: Recently run pipelines
- Table:

Pipeline	Last run
✓ -CI_BuildPipeline Pipelines	#2418 • FinalizePurchaseOrder PR automated for 144 31 Jan 1m 56s
✓ - Category Wise TC Pipelines	#1950 • Merged PR 75: minor changes Manually triggered for master 8 Nov 2024 6m 29s
✓ - ALL TC Pipelines	#1949 • Merged PR 75: minor changes Manually triggered for master
✓ DigitalOrder_via_WebPortal JmeterPipelines	#1735 • Added DigitalOrder_via_WebPortal.jmx to /TTC Manually triggered for main
✓ Jmeter pipeline	#1720 • Added DigitalOrder_via_WebPortal.jmx to /TTC Manually triggered for main

Foreground Screenshot: Pipeline Task View

- Header: dynatechconsultancy / Playwright POC QA Automa... / Pipelines
- Search bar: Search
- Buttons: Save & queue, Discard, Summary, Queue, ...
- Section: Tasks
- Agent job 1: Run on agent
- Task list:

Task	Agent
Clean NET Core	Agent job 1
Build NET Core	Agent job 1
VsTest - testAssemblies Visual Studio Test	Agent job 1
Publish Test Results Publish Test Results	Agent job 1
Generate Allure report PowerShell	Agent job 1
PowerShell Script PowerShell	Agent job 1

Right Panel: Pipeline Configuration

- Name: D365_AutomationWebinar
- Agent pool: D365_Demo
- Parameters: This pipeline doesn't have any pipeline parameters. Create them to share the most important settings between tasks and change them in one place. [Learn more](#)

Validate business workflows, ensure system stability, and enhance efficiency with DynaTech's end-to-end test execution for Dynamics 365 CE automation.

Jobs in run #2451
D365_AutomationWebinar

Job	Duration
Agent job 1	1m 59s
Initialize job	<1s
Checkout D365_Autom...	6s
Build	6s
Automation Tests ...	1m 46s
Publish Test Results	
Post-job: Checkout D365_...	

Automation Tests Trigger

```
261 2025-02-19 18:22:28.858 INFO < Click "Order Summary Button" control (0.127s)
262 2025-02-19 18:22:28.863 INFO > Assert: "Linetotal" element "title" DOM attribute should be "$519.95"
263 2025-02-19 18:22:28.867 TRACE - > Find element by XPath ".//*[normalize-space(@aria-label) = 'Line(s) Total']" in ChromeDriver
264 2025-02-19 18:22:29.525 TRACE - < Find element by XPath ".//*[normalize-space(@aria-label) = 'Line(s) Total']" in ChromeDriver (0.658s) >> E
265 2025-02-19 18:22:29.547 INFO < Assert: "Linetotal" element "title" DOM attribute should be "$519.95" (0.683s)
266 2025-02-19 18:22:29.547 INFO > Assert: "Total Tax" element "title" DOM attribute should be "$27.55"
267 2025-02-19 18:22:29.548 TRACE - > Execute trigger ScrollDownAttribute on BeforeAccess against "Total Tax" element
268 2025-02-19 18:22:29.549 INFO - > Scroll down
269 2025-02-19 18:22:29.549 TRACE - - > Execute script "var height = document.body.scrollHeight;document.body.scrollTop = height;document.docu
270 2025-02-19 18:22:29.557 TRACE - - < Execute script "var height = document.body.scrollHeight;document.body.scrollTop = height;document.docu
271 2025-02-19 18:22:29.557 INFO - < Scroll down (0.008s)
272 2025-02-19 18:22:29.558 TRACE - < Execute trigger ScrollDownAttribute on BeforeAccess against "Total Tax" element (0.009s)
273 2025-02-19 18:22:29.568 TRACE - > Find element by XPath ".//*[normalize-space(@aria-label) = '(+) Total Tax']" in ChromeDriver
274 2025-02-19 18:22:29.582 TRACE - < Find element by XPath ".//*[normalize-space(@aria-label) = '(+) Total Tax']" in ChromeDriver (0.014s) >> E
275 2025-02-19 18:22:29.593 INFO < Assert: "Total Tax" element "title" DOM attribute should be "$27.55" (0.046s)
276 2025-02-19 18:22:29.594 INFO > Assert: "Postage" element "title" DOM attribute should be "$25.00"
277 2025-02-19 18:22:29.594 TRACE - > Find element by XPath ".//*[normalize-space(@aria-label) = '(+) Postage']" in ChromeDriver
278 2025-02-19 18:22:29.609 TRACE - < Find element by XPath ".//*[normalize-space(@aria-label) = '(+) Postage']" in ChromeDriver (0.014s) >> Ele
279 2025-02-19 18:22:29.618 INFO < Assert: "Postage" element "title" DOM attribute should be "$25.00" (0.023s)
280 2025-02-19 18:22:29.618 INFO > Assert: "Order Total" element "title" DOM attribute should be "$572.50"
281 2025-02-19 18:22:29.619 TRACE - > Find element by XPath ".//*[normalize-space(@aria-label) = 'Order Total (Calculated)']" in ChromeDriver
282 2025-02-19 18:22:29.632 TRACE - < Find element by XPath ".//*[normalize-space(@aria-label) = 'Order Total (Calculated)']" in ChromeDriver (0
283 2025-02-19 18:22:29.640 INFO < Assert: "Order Total" element "title" DOM attribute should be "$572.50" (0.022s)
284 2025-02-19 18:22:29.642 TRACE > Deinitialize SeleniumContext
285 2025-02-19 18:22:30.677 TRACE < Deinitialize SeleniumContext (1.035s)
286 2025-02-19 18:22:30.682 DEBUG Finished test
287 Total time: 57.573s
288 Initialization: 3.335s | 5.8 %
289 Test body: 53.202s | 92.4 %
290 Deinitialization: 1.035s | 1.8 %
291 Passed CRMOrderVerifyTest [1 m 5 s]
292 Starting ChromeDriver 133.0.6943.126 (cffa127ce7b6be72885391527c15b452056a2e81-refs/branch-heads/6943@{#1570}) on port 63006
293 Only local connections are allowed.
294 Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
```

Category	Time	Percentage
Initialization	3.335s	5.8 %
Test body	53.202s	92.4 %
Deinitialization	1.035s	1.8 %

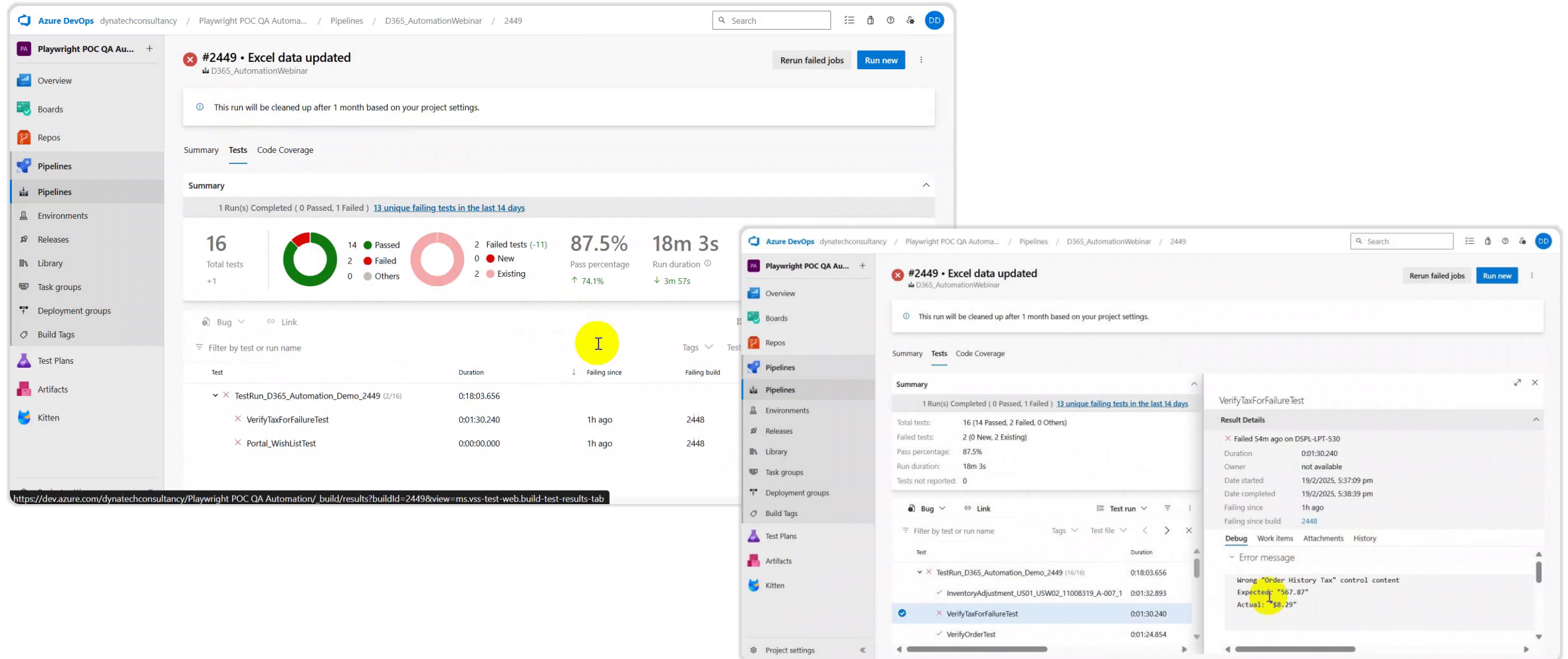
Passed CRMOrderVerifyTest [1 m 5 s]

Starting ChromeDriver 133.0.6943.126 (cffa127ce7b6be72885391527c15b452056a2e81-refs/branch-heads/6943@{#1570}) on port 63006

Only local connections are allowed.

Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.

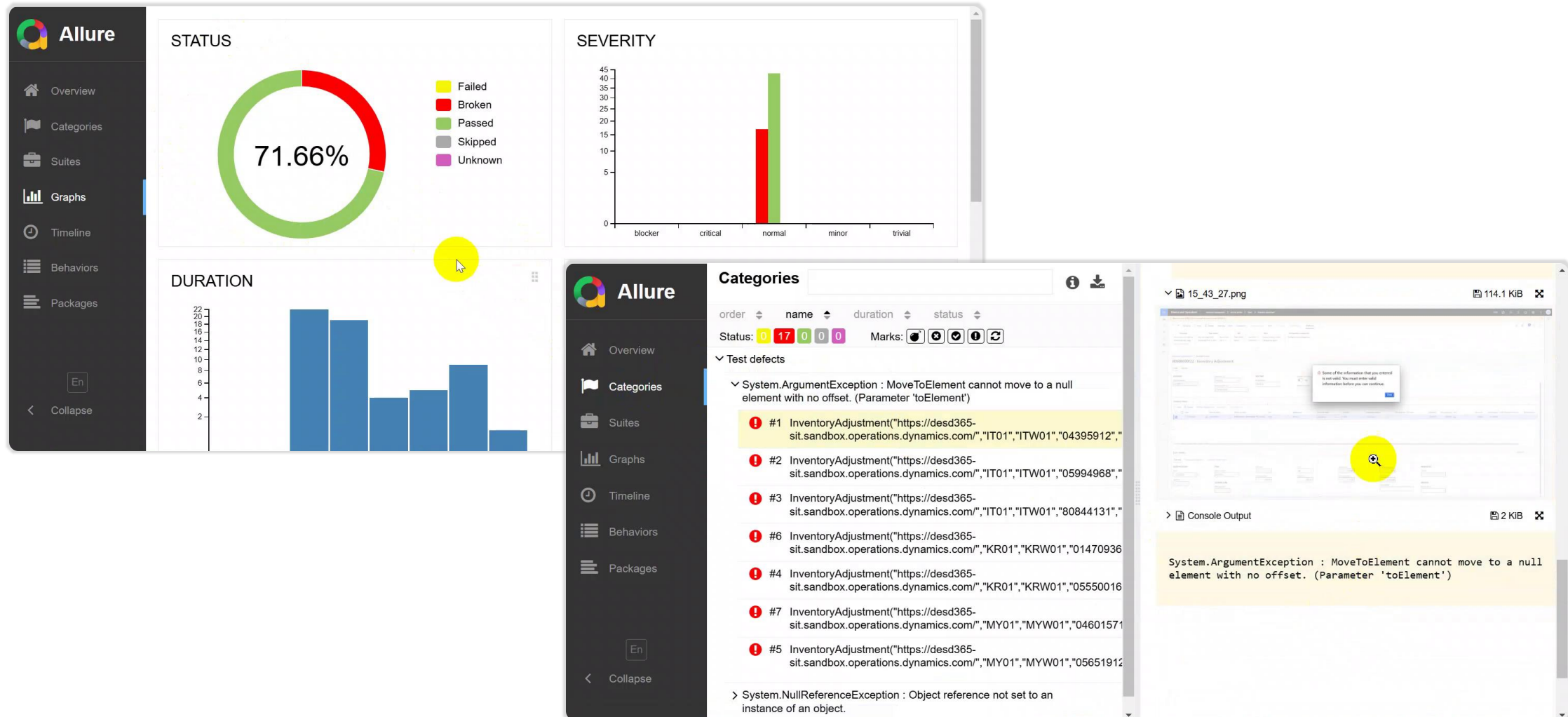
Gain real-time insights into test execution, ensuring visibility into system stability, failure analysis, and test coverage for informed decision-making.



D365 F&O Execution Flow



Gain complete visibility into test execution with graphical insights, defect analysis, and detailed failure traceability for efficient issue resolution.



Validate business processes across multiple entities using dynamic datasets, ensuring consistency and accuracy in global operations.

The screenshot displays the Allure test report interface. The left sidebar contains navigation links: Overview, Categories, Suites, Graphs, Timeline, Behaviors, and Packages. The main area shows a list of test results for 'InventoryAdjustment' tests. The test results are as follows:

Test ID	Status	Test Name	URL	Entity	Region	Warehouse
#18	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	JP01	JPW01	05824296
#53	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	JP01	JPW01	05844664
#19	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	JP01	JPW01	79717706
#20	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	JP01	JPW01	80996152
#21	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	JP01	JPW01	85759280
#59	Fail	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	0147093
#54	Fail	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	0555001
#22	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	0612148
#23	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	8580915
#24	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	8626259
#25	Pass	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	KR01	KRW01	8670253
#55	Fail	InventoryAdjustment	https://desd365-sit.sandbox.operations.dynamics.com/	MX01	MXT6	05765462

The detailed view of test case #24 shows the following parameters:

- batchNumber: "86262592_"
- entity: "KR01"
- environment: "https://desd365-sit.sandbox.operations.dynamics.com/"
- itemNumber: "86262592"
- location: "1000"
- quantity: "300"
- warehouse: "KRW01"

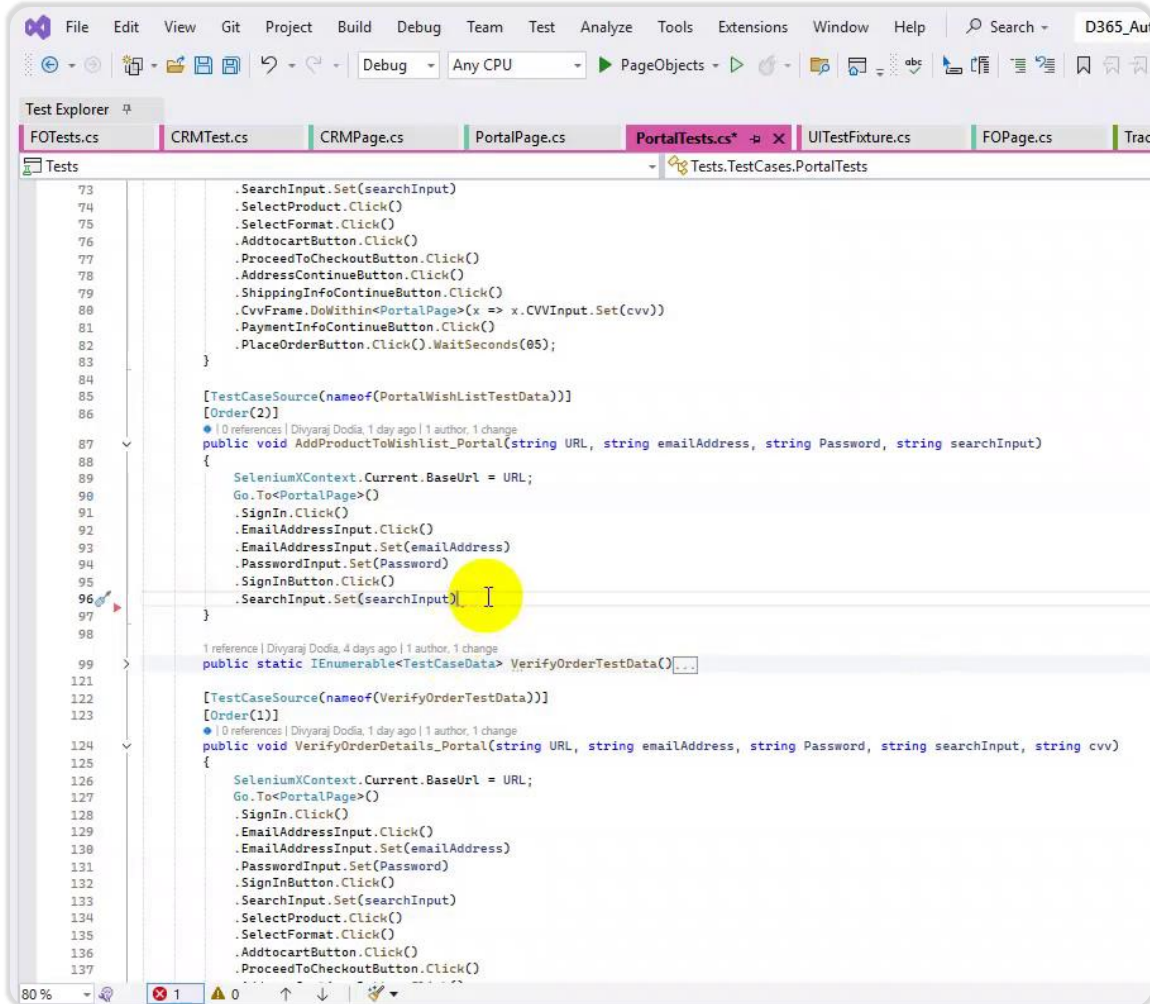
The execution details for test case #24 show the following steps and durations:

- Enter Password 1 parameter: 160ms
- Click on Sign In Button: 6s 430ms
- Select SMS as login method: 150ms
- Enter SMS Code 1 parameter: 149ms
- Click on Verify Button: 132ms
- Click on Yes Button: 22s 668ms
- Click on Module Menu: 5s 892ms
- Click on Inventory Management Menu: 3s 481ms
- Click on Inventory Adjustment Button: 7s 226ms
- Click on New Button: 8s 529ms
- Enter WarehouseName 1 parameter: 904ms

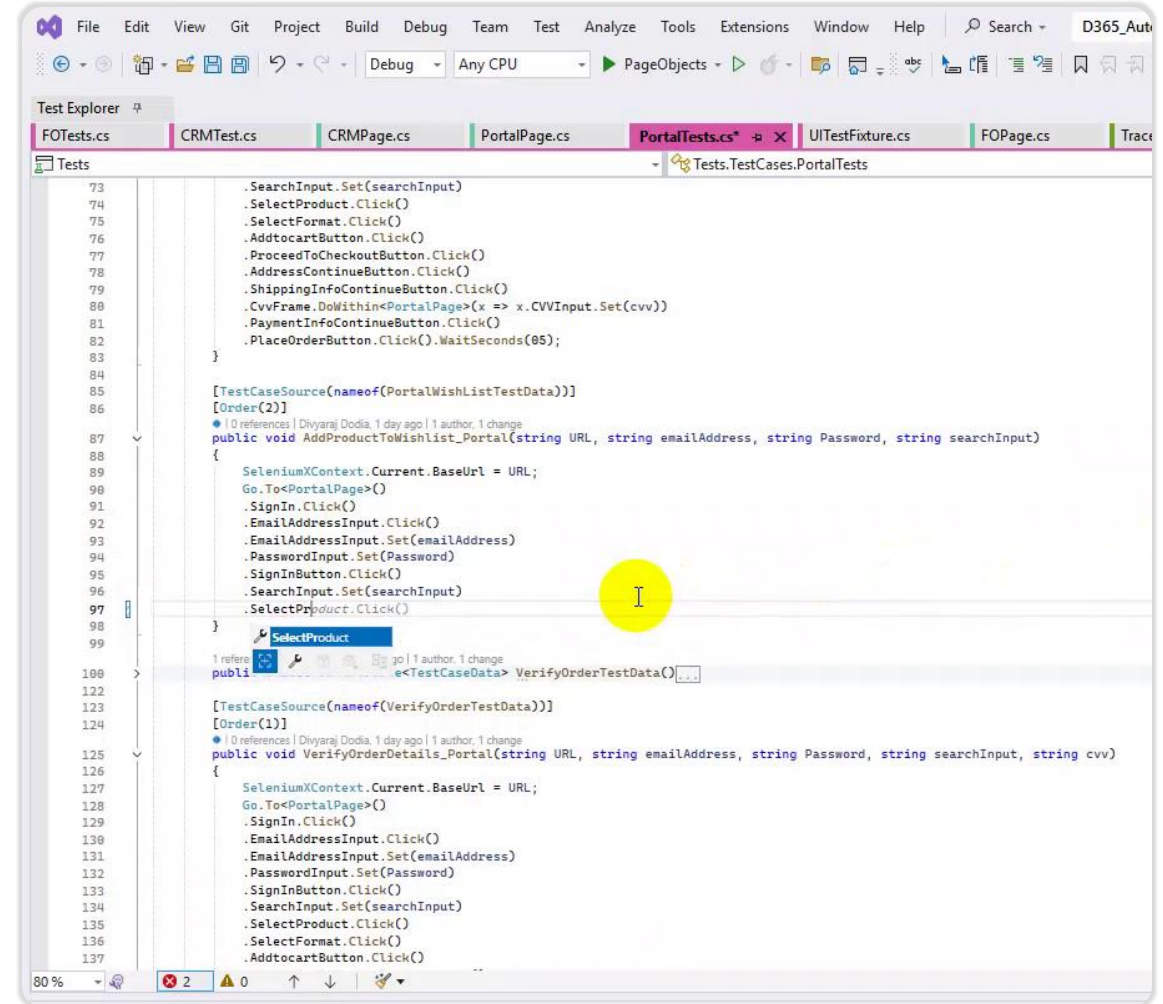
GitHub Copilot



Automate scripting with AI-driven code suggestions, instant explanations, and debugging—enhancing efficiency and reducing errors.



This screenshot shows the Visual Studio IDE with the 'PortalTests.cs' file open. The code is a Selenium test script. A yellow circle highlights the line `.SearchInput.Set(searchInput);` at line 96. Below this line, a tooltip displays AI-generated suggestions for the `searchInput` parameter, including a list of references and a list of suggestions. The suggestions include `SearchInput`, `searchInput`, `searchInputText`, `searchInputValue`, and `searchInputType`. The code continues with `.SelectProduct.Click()` and `.AddtoCartButton.Click()`.



This screenshot shows the Visual Studio IDE with the 'PortalTests.cs' file open. The code is a Selenium test script. A yellow circle highlights the line `.SearchInput.Set(searchInput);` at line 96. Below this line, a tooltip displays AI-generated suggestions for the `searchInput` parameter, including a list of references and a list of suggestions. The suggestions include `SearchInput`, `searchInput`, `searchInputText`, `searchInputValue`, and `searchInputType`. The code continues with `.SelectProduct.Click()` and `.AddtoCartButton.Click()`.

Automate scripting with AI-driven code suggestions, instant explanations, and debugging—enhancing efficiency and reducing errors.

The screenshot displays the Visual Studio Code editor with a Selenium test script in `PortalTests.cs`. The script includes methods for logging in, adding products to a wish list, and placing orders. The GitHub Copilot Chat interface is open on the right, providing a detailed explanation of the `PlaceOrder_WebPortal` method. The chat window lists the steps performed by the code, such as clicking buttons, setting inputs, and waiting for page loads. It also includes a 'References' section and a note about the Selenium framework. The bottom of the chat window shows the 'Include active document' checkbox and the 'Ask Copilot or use @workspace' input field.

```
[TestCaseSource(nameof(WebPortalTestData))][Order(3)]public void PlaceOrder_WebPortal(string URL, string emailAddress, string Password, string searchInput, string cvv){    SeleniumContext.Current.BaseUrl = URL;    Go.To<PortalPage>().    .SignIn.Click()    .EmailAddressInput.Click()    .EmailAddressInput.Set(emailAddress)    .PasswordInput.Set>Password)    .SignInButton.Click()    .SearchInput.Set(searchInput)    .SelectProduct.Click()    .SelectFormat.Click()    .AddtoCartButton.Click()    .ProceedToCheckoutButton.Click()    .AddressContinueButton.Click()    .ShippingInfoContinueButton.Click()    .CvvFrame.DoWithin<PortalPage>(x => x.CVVInput.Set(cvv))    .PaymentInfoContinueButton.Click()    .PlaceOrderButton.Click().WaitSeconds(05);}
```

Can you please explain below code to me?

Clicks the button to continue with the address information.

Clicks the button to continue with the shipping information.

7. Enter Payment Information:

```
.CvvFrame.DoWithin<PortalPage>(x => x.CVVInput.Set(cvv))    .PaymentInfoContinueButton.Click()
```

Enters the CVV code within the CVV frame.

Clicks the button to continue with the payment information.

8. Place Order:

```
.PlaceOrderButton.Click().WaitSeconds(05);
```

Clicks the "Place Order" button.

Waits for 5 seconds to ensure the order is processed.

This method uses the Selenium framework to automate the interactions with the web portal, simulating a user placing an order from start to finish.

What are the key components of the 'PortalPage' class that are used in the 'PlaceOrder_WebPortal' method?

References

Was this helpful?

AI suggestions might be inaccurate.

☒ Include active document

Ask Copilot or use @workspace

GPT 4o

Challenges

- › Limited test coverage
- › Time consuming Regression Testing
- › Integration issues due to frequent releases

Solution

- › Test Automation of end-to-end integration of Web portal, CRM and F&O apps
- › Implemented BDD framework using Selenium, C#, SpecFlow and Nunit
- › Continuous headless execution on Azure DevOps via scheduled CI/CD pipeline

12+

Modules covered

100+

Test Scenarios covered

70%

Execution Time reduced

Challenges

- › Slow page load times
- › High response time during peak hours
- › System crashes under heavy load

Solution

- › Assessment of different user scenarios
- › Identified bottleneck in existing modules & integrations
- › Created script for prioritized scenarios using Jmeter and Optimized performance issues
- › Implemented Grafana dashboard for monitoring and observability

100+

Concurrent Vus
Tested

10+

Scenarios covered

500+

Data set

70%

Response Time
Improved

Want to know more?

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