



Jacobs

Strengthening Analytical Platforms with Automation

DIGITAL TRANSFORMATION SPECIALISTS



75%

improvement seen in
performance

2 weeks

ahead of schedule

Quality

from the get go

unipro

Success story



The Challenge

Jacobs struggled with poor quality assurance for their analytical platform built on Microsoft Azure.

Key challenges included:

Complex Architecture:

Diverse data sources and numerous failure points demanded a robust testing framework.

Evolving Requirements:

Dynamic development posed hurdles in creating a cohesive testing strategy.

Comprehensive Testing Needs:

Usability, performance, and reliability required thorough testing across the data pipeline.

The Solution

Unipro developed a bespoke Automated Test Strategy, leveraging Azure and complementary tools to address the platform's needs.

Key features included:

Audit and Analysis: Reviewed architecture, tools, and processes while engaging stakeholders to align on priorities.

Strategic Test Planning: Designed a test plan with checkpoints across six critical pipeline stages and proposed targeted testing methods, including Unit, API, System, and Performance testing.

Future-Ready Implementation: Delivered a sample Azure-based Continuous Delivery pipeline and a detailed implementation roadmap.

The Results

The Automated Test Strategy enhanced platform confidence, streamlined implementation with a clear roadmap, and fostered a stronger partnership through ongoing quality assurance support.

This ensured a reliable, high-performance analytical platform.



unipro.io



Big enough to deliver
Small enough to care

Elevate Your Quality Assurance with bespoke Testing Strategies

Transform your platforms with bespoke testing frameworks that address complex architectures and evolving needs.



Contact us today to learn how we can enhance your testing processes.