

Case Study

Transforming Test Data Generation

Gen AI Delivers Seamless Solutions
for a Leading Digital Tech Giant





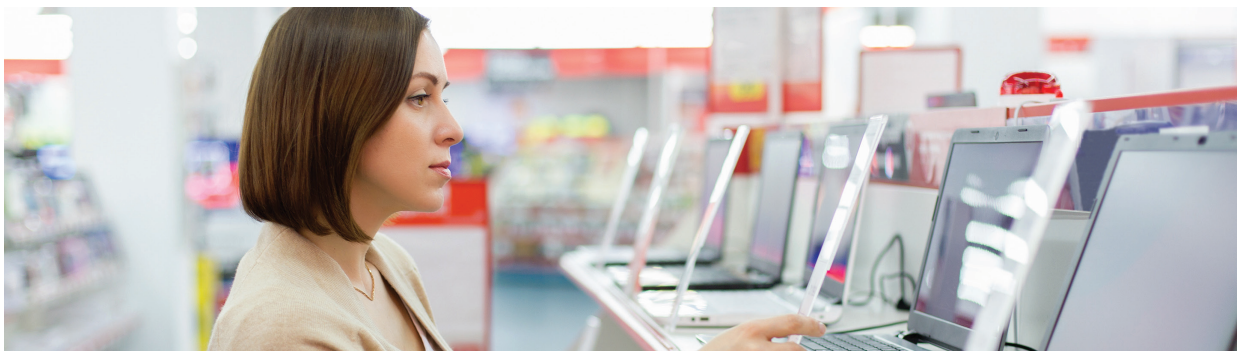
Client background

The client, an American multinational digital communications technology conglomerate, develops, manufactures, and sells networking hardware, software, telecommunications equipment, and other high-tech products. They needed a unified testing solution to streamline processes across their disparate ERP and eCommerce systems.



Challenges

- The client faced difficulties due to the presence of multiple disparate ERP and eCommerce systems, which led to compatibility issues
- Manual interventions were required at various stages, including data transfer, test execution, and result verification
- The testing processes were time-consuming because of the unique features and configurations of each individual system





Our work

- Utilized UiPath to create a wrapper around the various testing solutions, resulting in a unified testing interface
- Integrated Gen AI to generate synthetic data for testing, enhancing the efficiency by 25% and accuracy of the process



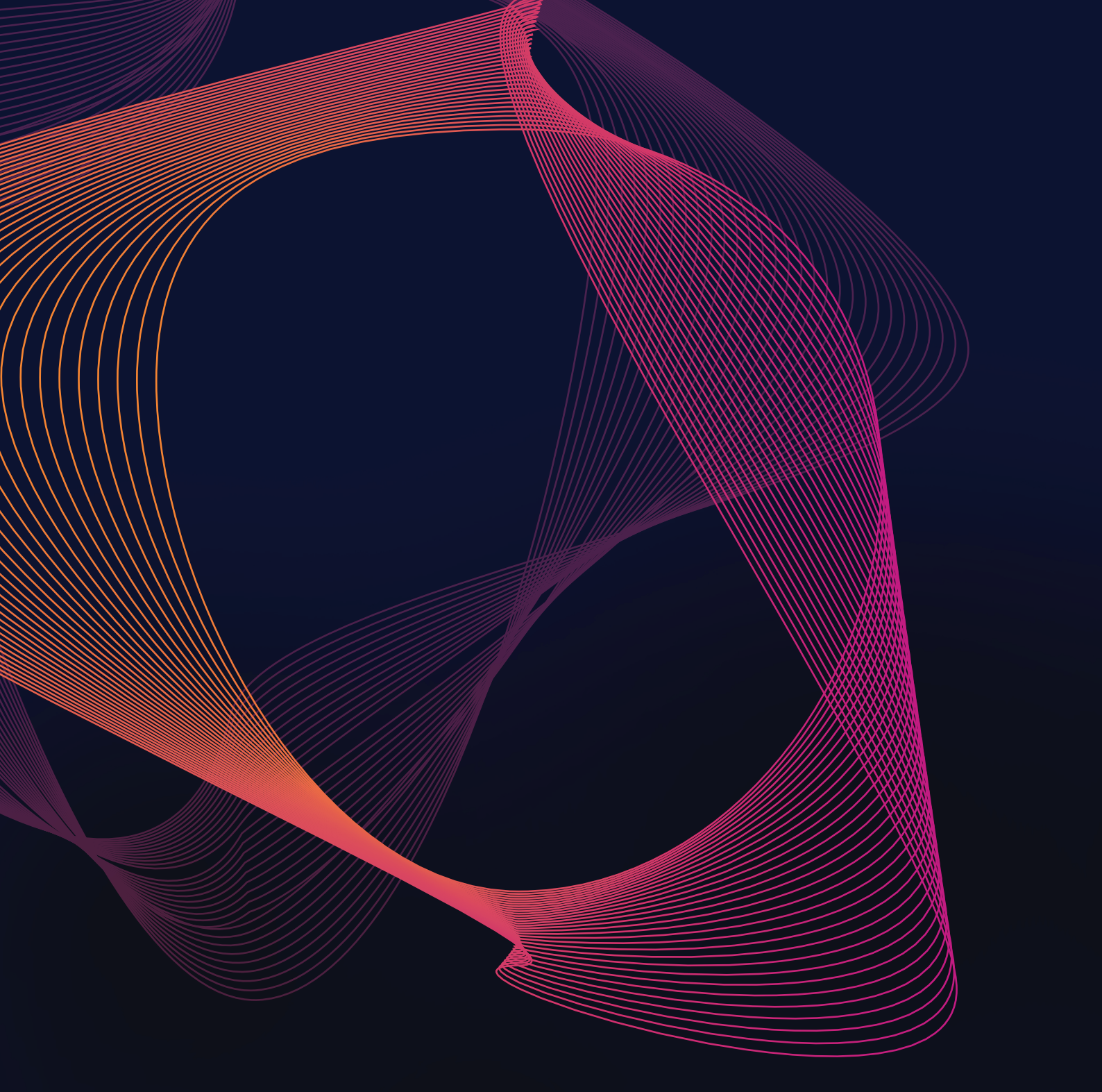
Tools & Technologies

UiPath | LLaMA 2 - LLM



Business benefits

- Accelerated the testing cycle by **30%**
- Enabled seamless test data generation with AI, reducing manual effort and increasing testing efficiency



About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>.