QUANTRAIC

Five Steps to Generative AI

Following the steps in this chapter will help ensure you reap positive new levels of productivity.

Identify Business Problems

Rank potential projects based on expected business impact, data readiness, and level of executive sponsorship. Research and evaluate pretrained language models, minimize complexity of infrastructure maintenance, and consider solutions that empower large numbers of users to derive value from data.

Select a Data Platform

How do you make sure your data is secured and governed from the time it's used to fine-tune until it is presented through the app UI? How easy is it to allocate and scale GPUs? Standardize on a cloud data platform that offers these benefits:

» Scalable, pay-as-you-go infrastructure to handle the storage and computational requirements

» Near-zero maintenance, there's no need to perform platform updates or other administrative tasks

- ❯❯ Access large language model (LLM) app stack primitives that help teams build custom solutions without integrations of multiple platforms
- ❯❯ Capability for those without AI expertise to bring gen AI to their daily workflows with UI-driven experiences
- ❯❯ Access to structured/semistructured/unstructured data, both internal and from third parties, via a marketplace
- ❯❯ Native support for popular AI frameworks, tools, and programming languages

Build a Data Foundation

Consolidate your data to remove silos, create data pipelines, and make sure that all data is consistently cleansed. Establish consistent procedures for data privacy and data governance to satisfy industry regulations. Extend those procedures to data and apps from third-party providers. Lastly, minimize data exfiltration into compute environments that don't apply consistent security and governance policies of the data.

Create a Culture of Collaboration

How do you enable data scientists, analysts, developers, and business users to access the same data sets simultaneously, without having to copy or move the data? Make sure your data platform empowers all pertinent stakeholders to easily collaborate as they share data, models, and applications. Educate business users on prompt engineering; and other ways to leverage models without customizations that require deeper AI expertise.

Measure, Learn, Celebrate

How do you gauge the success of your gen AI initiatives? Start small, experiment, identify metrics to demonstrate business results, and validate progress with executive sponsors and stakeholders. Share best practices and encourage reusability. Strive to democratize gen AI capabilities throughout your entire organization.

Ready to Take the Next Step?

Let's explore how generative AI can drive real results for your business—no pressure, no jargon, just practical value. Contact Quantraic today for a no-obligation strategy call. (570) 458-2212 | www.quantraic.com | info@quantraic.com

QUANTRAIC
AUTOMATION · INTEGRATION · EDUCATION