Anaconda Professional Services Overview

Anaconda Professional Services empowers organizations to unleash the full potential of AI and data with open source tools. With a team of expert data scientists, engineers, and domain specialists, Anaconda provides tailored solutions that enable your teams to optimize performance, enhance security, and accelerate innovation across your critical AI and analytics initiatives, fitting perfectly into how your organization operates.

We know that the innovative open-source packages provided by Anaconda are just the beginning of your data-science and AI journey. And building complete solutions with these libraries can be challenging, particularly in emerging areas such as AI.

Experts Advancing Your Success

Anaconda Professional Services is here to help! We specialize in open-source Python tooling for machine learning, data analysis and visualization, geoscience, distributed computing, and data science. Our team consists of PhD scientists and software engineers with an average of 20 years of technical experience and 14 years of Python experience.

Our teams contribute to and maintain many of the Python packages that professionals rely on daily. Take advantage of our deep expertise across the entire Python ecosystem to help you develop faster, more securely, and with an immediate impact.

Succeed Faster with AI

Think of us as a force multiplier to help your teams succeed, whether by speeding up your code and making it able to handle huge datasets, by finding open source replacements for your proprietary tooling, or by integrating AI tools into custom workflows to solve the most challenging data pipelines. We can help you get where you want to go much faster, using our experience to guide you quickly towards the best long-term results.

Available Services Meeting Your Project Requirements

- **Tier 2 Support:** Ideal for when your teams need specialized, hands-on assistance beyond the standard support level.

- **Kickstart Packages:** A proven, solution-based approach to common scenarios such as environment management, data visualization, performance optimization, and migration. We will empower your teams to get the most out of open source! *Take a look at our packages on the next page.*

- **Custom Engagements:** Our experts are here to resolve your problems no matter the scope. Let us help you with strategic planning, applying LLMs for your industry, adapting open-source tools to solve your problems, or anything else holding back your progress.

Tell Us About Your Project and Learn More.

Professional Services Kickstart Packages

Environment Management

This Kickstart Package simplifies Conda environment management by standardizing, curating, and distributing Python and R packages across your infrastructure. Our experts will help you create a plan that gives users access to the packages they need while ensuring compliance with your organization's policies.

Generative AI

This Kickstart Package helps you optimize GenAI for your business. Our experts will assess your available data, preferred LLM interaction method (e.g., chat, batch process, or API), and desired output. We'll guide you toward practical use cases based on your data and technology and develop example workflows using open-source libraries and secure local LLM models (if needed) to integrate seamlessly into your operations.

Web Applications

This Kickstart Package help your analyses achieve maximum impact. Your colleagues can explore your findings, interact with your models, and apply them to their own scenarios—making your work more accessible and actionable. We transform your "it works fine for me" analysis into a live application that works for everyone. Using open-source libraries, we'll help you integrate this process into your team's workflows seamlessly.

See our past projects at examples.holoviz.org and panel.holoviz.org/gallery

JupyterHub

This Kickstart Package streamlines Jupyter management by eliminating the need for individual workstation setups and handling authentication, collaboration, and large-scale computing. We provide centrally managed Jupyter notebooks that can run on Kubernetes® or Red Hat OpenShift® for hundreds or thousands of users—or on a single machine for up to 100 users.

Geospatial Data

This Kickstart Package will empower you to visualize and analyze any form of geographic data using open source libraries—ensuring flexibility without vendor lock-in. Simply provide examples of your data and screenshots of how you currently visualize it, and we'll show your analysts how to work with it efficiently in Python, even at petabyte scale. Explore our past work at examples.holoviz.org.

Data Annotation

This Kickstart Package ensures you retain all observable data. Our advanced tools let you annotate time series, images, scatter plots, and more—capturing human insights for AI, machine learning, or easy reference. Our experienced engineers will help you build custom annotation tools tailored to how you view your data, using open-source libraries that seamlessly integrate into your workflows.

Professional Services Kickstart Packages

Open Source Software (OSS)

This Kickstart Package lets your teams get the most out of OSS securely. We are experts and contributors to Pandas, PyScript, Xarray, Bokeh, Numba, Beeware, NumPy, Dask, Zarr, LLVM and countless others. Your teams will receive necessary guidance in optimizing these libraries for your specific challenges, streamlining workflows, and making impactful data-driven decisions.

Python Performance Optimization

This Kickstart Package turbocharges your installed Python code. Our experts will identify performance bottlenecks and eliminate them—whether by using vector processing to replace loops, compiling code with Numba, or distributing workloads across multiple processors. We will help maximize performance across cloud compute, HPC systems, and GPUs. If needed, we can even implement critical parts in C, C++, or Rust.

Python Migration

This Kickstart Package will get your business Python-ready to build an AI future. We can help you transition from SAS, Spark, Matlab, or R to modern, high-performance, AI-ready Python tools using open-source libraries. Simply provide runnable code from your current data-processing workflows, and we'll convert it into well-structured, high-performance Python and guide your teams on best practices for successful Python adoption.

Air-Gapped Environments

This Kickstart Package helps your business keep applications up to date, even without internet access. Establish a secure, efficient update process that ensures both security and operational independence. Our experts will align your software supply chain with your security policies to maintain compliance and stability. Your teams will be able to implement controlled, auditable updates on a schedule that fits your needs, minimizing risk and manual effort while providing full visibility into changes.

Snowflake® Databases

This Kickstart Package jumpstarts the process of running Python on Snowflake databases. Our expert engineers will help you set up an ETL (extract-transform-load) process, build Python UDFs (user-defined functions), and schedule deployments. Your development environment will match Snowpark, a set of tools that lets users write code in their preferred programming languages for data processing within Snowflake's cloud platform. The result is a reproducible, seamless workflow from implementation to deployment.

Workflow Integration

This Kickstart Package integrates the Anaconda AI Platform into your workflows. Our expert engineers will help you seamlessly connect any Anaconda product to your internal systems using open-source libraries that support long-term scalability. Get example scripts, scheduled jobs, and configurations to ensure Anaconda tools are effectively integrated where they can have the most impact.