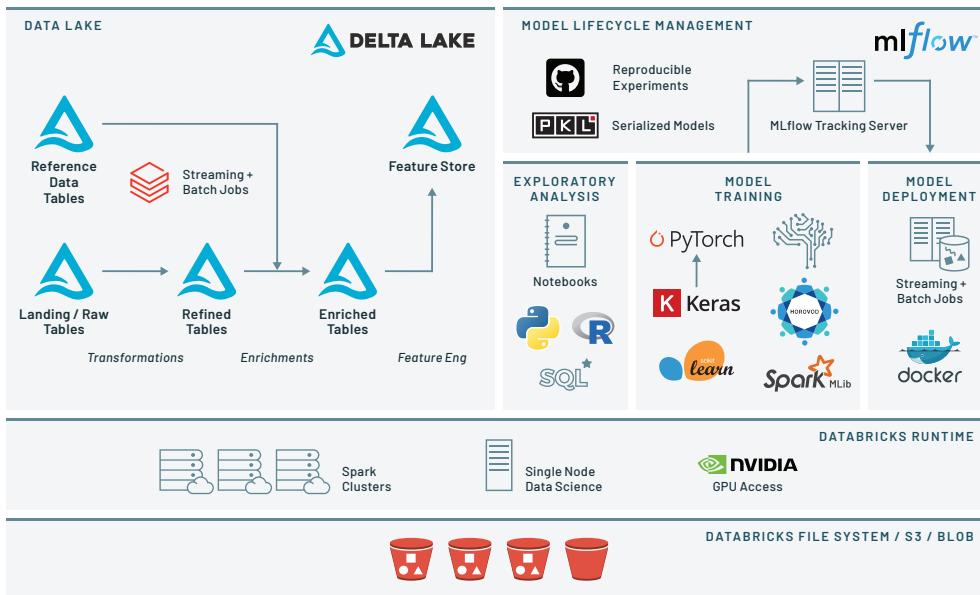# databricks

Jumpstart Package

Summary

The Databricks Unified Data Analytics Platform enables your data and AI team to holistically analyze data from data warehouses, data lakes and other data stores by utilizing a single engine for batch, ML, streaming and real-time queries. By unifying data science and engineering on a shared cloud-native platform with collaborative notebooks and complete ML lifecycle support, you are now ready to tackle your toughest data problems. So what's the quickest way to get started? And how do you onboard your team members and support key users applying best practices?

The Databricks Jumpstart packaged offerings help you accelerate your project timelines by familiarizing you with the Databricks platform and key capabilities that follow best practices. You work with our industry-leading experts from the Databricks Professional Services team. The offerings reflect the most common questions our customers face during their early Databricks journey and provide you with a path for successful adoption.

Key outcomes

- General onboarding: environmental setup, administration and user provisioning
- Familiarization with Databricks and key features
- A reference architecture for your use cases and associated best practices

Resources and schedule

Jumpstart*
2 weeks

- Getting users up and running
- Architecture best practices
- High-level review of use cases
- Define and design a reference architecture
- ETL pipeline/Spark performance optimization and best practices
- Best practices workshops on security, DevOps and other topics

Out of scope

- Data cleansing associated with building a broader data lake
- Implementation deliverables

* 1 Senior Consultant supporting the activity over a 2-week sprint

Overview

The offerings focus on general onboarding best practices workshops for security, DevOps and special use cases, project planning and use case review sessions with high-level architecture guidance and recommendations on best practices. They are designed for first-time platform deployments and new use cases. And can also be used by existing customers with a new phase in their Databricks journey or lifecycle. See the **Resources and schedule** section for details.

Key benefits

- Shorter time to value
- Accelerated project timelines
- Streamlined onboarding
- Increased agility with reusable design and reference architecture

Databricks Jumpstart workflow

FAMILIARIZATION WITH DATABRICKS	ADMINISTRATION	ETL AND SPARK	ENVIRONMENT SETUP	REFERENCE ARCHITECTURE
• Workspace setup, notebook collaboration • Job scheduling settings, alerts, cluster configuration	• User groups, just-in-time user provisioning • Notebook, cluster permissions, IAM Policy access	• Spark fundamentals, Delta and optimizations • Performance tuning basics (partitions/tasks)	• Integration, job deployment options • Library management for clusters	• Reference architecture for your use cases • Implementation guidance