

Cloud data transformation for machine learning kickstart



Challenges

Data silos and unpredicted costs preventing machine learning

Legacy system either on premises or cloud are not able to scale for new business use cases impacting to delay of new digital services. Data is locked to several different technology platform and operating this complex system is overwhelming. Data costs are difficult to predict, control and in many cases very resource intensive. Data migration is seen as easy solution out from legacy scaling issues to new data platform even we know that it will not solve the the challenge how to come cloud native. Keeping up in speed of agile development, running updates and security patches on legacy systems will take a lot of precious time from IT department when they could support business units for creating and operating new digital services.



4 weeks kickstart for cloud data transformation

Enable machine learning capabilities

Our kickstart is a cost-efficient and easy way to start data transformation and building cloud native solutions. Our solution will enable machine learning (ML) capabilities for specific industry domain areas. Kickstart is an easy and risk free to experiment cloud native solutions and learn together with your team how to build future digital solutions. You will have your first robust API in place in 4 weeks time or you can use kickstart for foundation to build data platform. We will introduce few DataOps practices that will support your transformation journey for coming cloud native. Kickstart will support industry standard databases and together on data discovery workshop we will guide which target system is best for you so data can be used in most efficient way for machine learning. Our approach is smooth, incremental and driven by AWS well architected. Legacy systems can be up and running when new solutions are already built in parallel together with business stakeholders for end user facing solutions.

Benefits

Create data transformation using cloud native platform from small workloads to enterprise level cloud computing



Robust cloud native architecture

Reduce complexity, achieve seamlessly scalability and taking advantage of ecosystem are few dimensions we will work together.



Improved data understanding

Taking advantage of AWS services and our data discovery workshop will give you insights how to build distributed data products to support digital services.



Scalable machine learning

Our kickstart will enable machine learning using full automation and it can be deployed to Cloud or even to to be used at edge for IoT workloads.



Serverless API and integrations

We will deploy data API for machine learning results and same asset can be integrated to other systems (Salesforce, ServiceNow) using reverse-ETL.

Solita on AWS

Solita is an AWS Advanced Consulting Partner with Machine Learning and Data & Analytics Consulting Competencies. Solita is a Nordic data leader having almost 1500 professionals in Finland, Sweden, Denmark, Estonia, Belgium and Germany. We use scalable and robust AWS services to build data driven product and services at scale.

Solution Packages

Our experts have created a bulletproof architecture and automation to cloud data transformation in 4 weeks time. You have two options you can choose from depending if you want experiment with cloud native solution or already have machine learning use in mind.

1 - Cloud data transformation

Solita professionals will organize two data workshops with crystal clear cloud data transformation that can be used on data transformation strategy on company level. Data is integrated from legacy system to cloud in 4 weeks time. We choose 3-4 data assets that are the most relevant to proof technical feasibility and business value. We support source system like Hadoop, relational databases and Kafka. Integration is executed using serverless on-going replication solutions with security first approach to AWS target systems such as EMR, RDS, S3 and Redshift. This is a simple way to understanding how to combine data from several sources and experiment how services scale in real in a very cost-efficient way even your workload is small.

2 – Automatically Create High-Quality Machine Learning Models

Solita professionals will organize two machine learning workshops to guide and assist how we build the first auto model together. We focus on pre-defined machine learning use cases. Selected data is integrated from legacy system using AWS services and first data API is ready in 4 weeks time. This solution is easy to extend and scale for other business cases as well after the kickstart. We choose python or SQL first approach based on your company profile so that everyone can enjoy from the work

Pricing and Deployment



Option 1: Cloud data transformation

Kickstart to data transformation in the easy way, including AWS kickstart account, with results in 4 weeks.



Option 2: AutoML

Kickstart to machine learning in the easy way, including AWS kickstart account, with results in 4 weeks.

Customer References and Case Studies

- [FORTUM](#)
- [S-GROUP](#)

Get started with Solita solutions on AWS

Contact us: <https://www.solita.fi/en/cloud-data-transformation>