Service ID S00030

Location Remote, Sweden

Expand training datasets by using synthetic data based on existing datas

Provider service

Research Institutes of Sweden

Link to content

https://agrifoodtef.eu/services/expand-training-datasets-using-synthetic-data-based-existing-datasets

Type of Sector

Arable farming, Food processing, Horticulture, Livestock farming, Tree Crops

Accepted type of products

Data, Other

Type of service

Data augmentation, Provision of datasets

Description

This service can, together with the company, expand training datasets with synthetic data. If required or appropriate, methodology and expanded data sets will also be a part of the service. By deploying synthetic data, companies can overcome some of the limitations of their existing datasets, leading to improved model performance, reduced costs, and enhanced operational efficiency. The service empowers businesses to innovate and adapt in an increasingly competitive landscape.

How can the service help you

The service "Expand Training Datasets by Using Synthetic Data Based on Existing Datasets (S00030)" addresses challenges relating to limited data availability, data management complexity, and operational inefficiencies, enabling organisations to enhance their machine learning models and achieve better outcomes.

Before the service: As an illustration, a company has a limited dataset of their robot operating in a factory setting.

How the service will be delivered

Logistics: The AgrifoodTEF project offers the following facilities and support for the company:

Access to Diverse Data Environments: Utilize various simulated conditions for testing your models, including different scenarios reflecting real-world applications.

Service customisation

The service can be adapted to specific customer needs.

The assessment journey starts with a joint meeting where the customer discusses different alternatives with a technical team from agrifoodTEF, supplemented with domain experts from RISE or Asta Zero and members from the internal customer