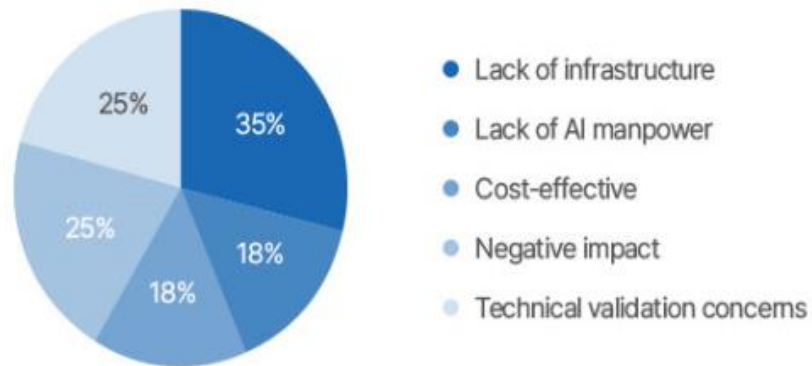


WiseProphet™

An AI development platform that can easily derive prediction results using data you own.

Even if you are not a data scientist, you can easily develop an AI model and apply it to business without the burden of professional manpower and cost for AI project promotion.

The challenges companies face in implementing AI



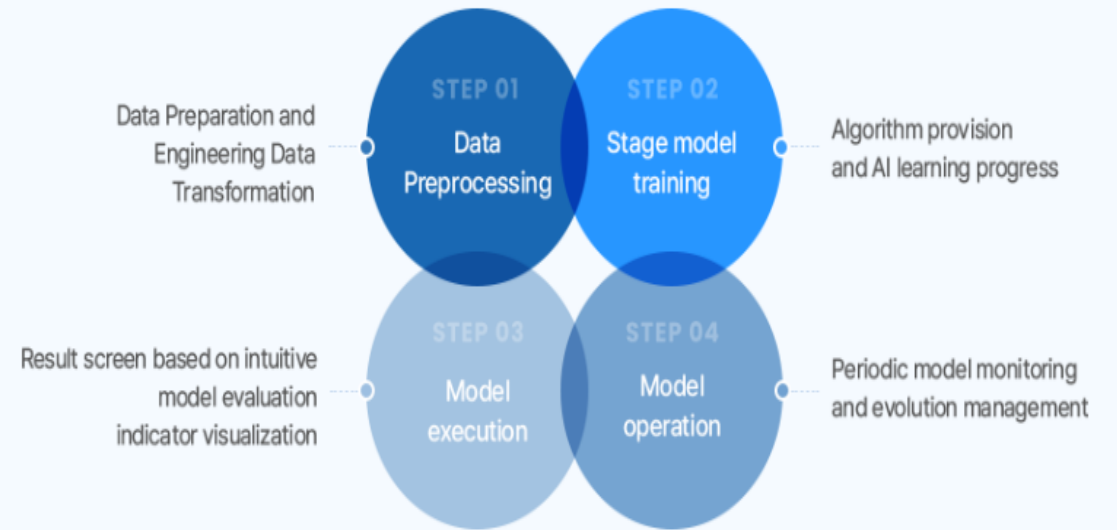
In order to introduce AI

In order to advance an AI project, you need an expert who can perform the processes of data preprocessing, model training, and prediction of results.

However, in most general enterprises, there are difficulties in terms of professional personnel and cost to drive the AI process.

Applying AutoML to solve these problems

Automated Machine Learning (AutoML) enables non-professionals to develop AI models and apply them in the field without a separate coding process. Even ordinary users can easily work with AI with just a few mouse clicks.



Applicable to various industries



Product



Defense



Plant



Environment



Energy



Education



Pharmaceutical

Currently, by providing industry-specific AI applications with predictive maintenance, abnormal transaction detection, and personalized recommendations, it has been applied to various industries such as manufacturing, energy, education, environment, media, distribution and public sector.

In addition, our technological prowess is being recognized by acquiring first grade GS certification in 2020, selecting an innovative prototype by the Public Procurement Service in 2019, and listing in the Gartner newsletter.

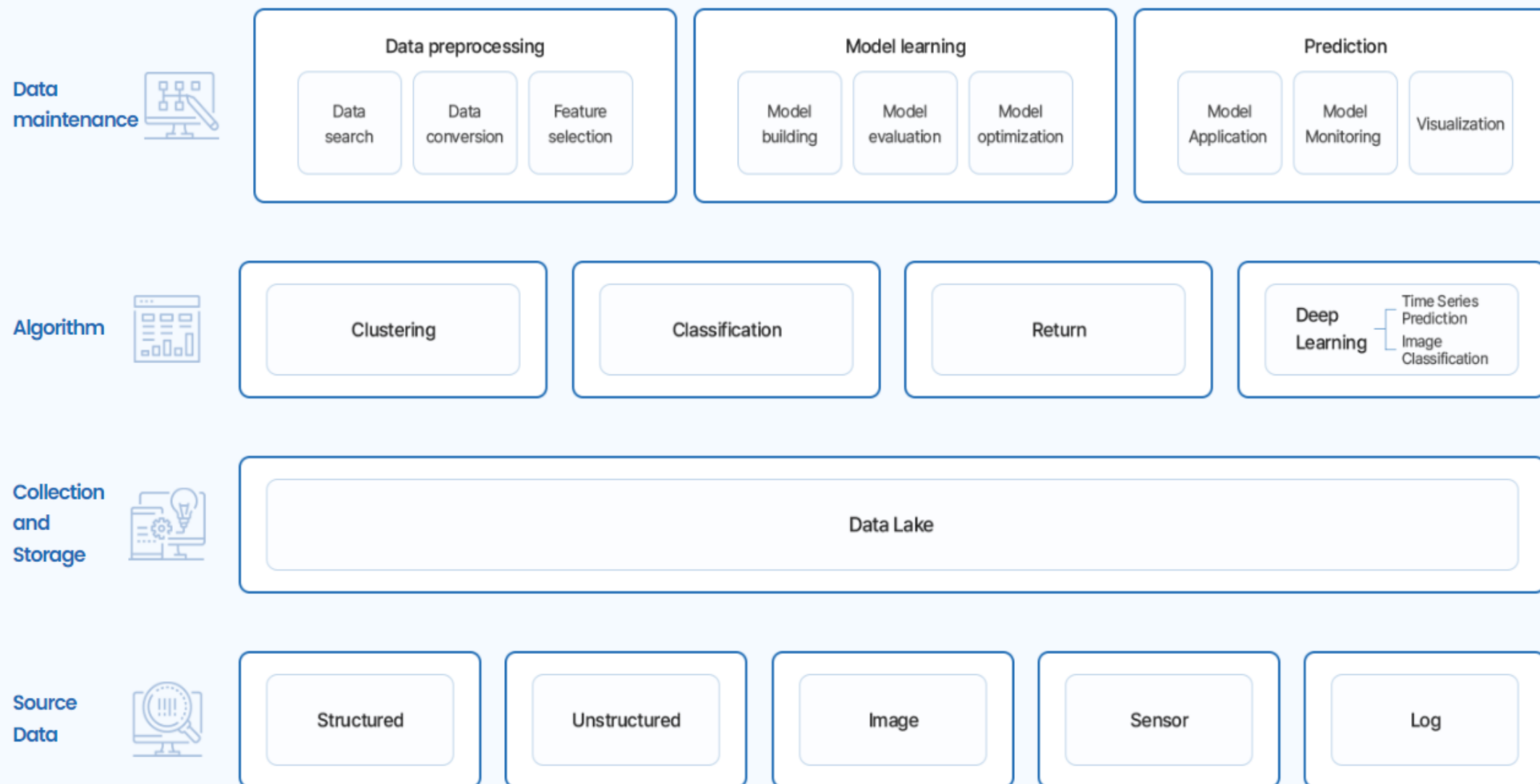


Acquired 1st grade GS certification



Selected as an innovative product by the Public Procurement Service

System configuration diagram



WiseProphet™ main features

01

Data preparation

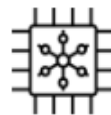
- Support various structured and unstructured data



02

Engineering data preprocessing

- Data transformation, data cleansing, scaling
- Feature extraction by text vectorization
- Analysis of importance and correlation for feature selection



03

Support various algorithms

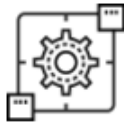
- Support for classification, regression, and deep learning algorithms
- Support for unsupervised learning clustering
- Support for new algorithms (Xgboost, LSTM)



04

Automatic model management

- Easy deployment of models to various environments
- Periodic model monitoring and evolution management



05

Explain model visualization

- Provide visualization of model prediction results
- Provided as a dashboard for intuitive understanding of forecasting results



06

Algorithm optimization

- Iterative model training
- Hyperparameter tuning



WiseProphet™ industry-specific applications

AI application	Detail
Predictive maintenance	Predict the maintenance time of equipment and the demand for replacement of parts to increase equipment operability and reduce maintenance costs
personalized learning	Recommendation of the best customized curriculum for each individual
Preclinical analysis	Recommendation of the best customized curriculum for each individual
smart water treatment	Optimization of sewage treatment process by analyzing water treatment process operation data and water quality measurement data
energy efficiency	Optimize energy consumption through autonomous and integrated factory energy management using AI technology
Abnormal Transaction Detection	Detection of abnormal transactions such as unfair claims, illegal supply and demand, and unfair transactions

