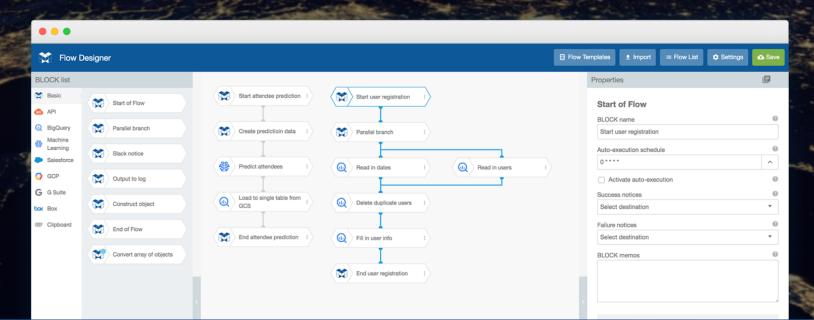


# Not a programmer? Not a problem. Machine Learning for all.

MAGELLAN BLOCKS makes Machine Learning simple.





### **New Store Location Planning**

FamilyMart used MAGELLAN BLOCKS to train a machine learning model using data for existing store locations.

Now they can accurately predict the first year of sales for potential stores in new locations.





# **Call Center Staffing**

JCB trained a model to predict incoming calls to their support center by day and needs.

They want to schedule their staff more efficiently.





## **Fishing**

Fish habitats change rapidly depending on global weather fluctuations.

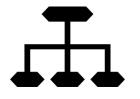
By training a model with environmental data and past catch histories, captains can predict the best places to find fish.













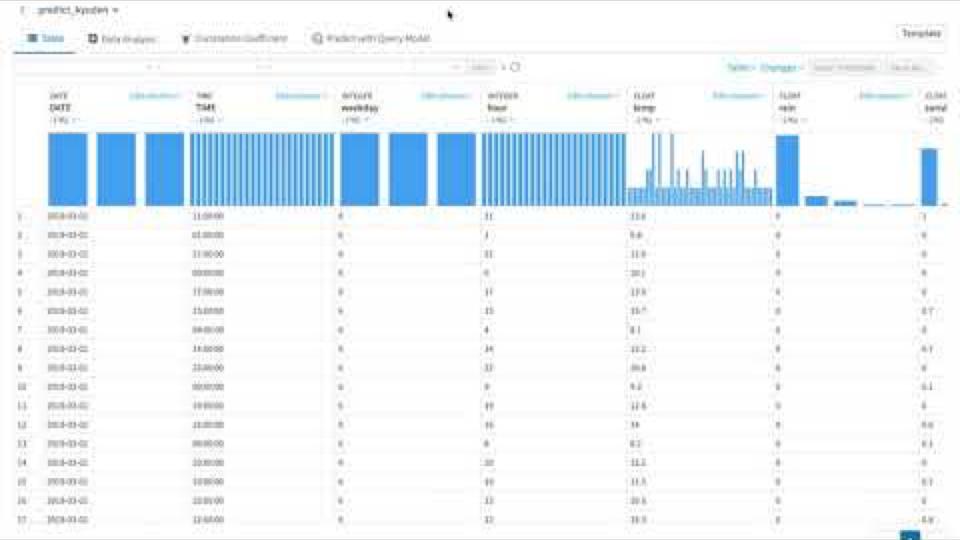
1. Data Preparation

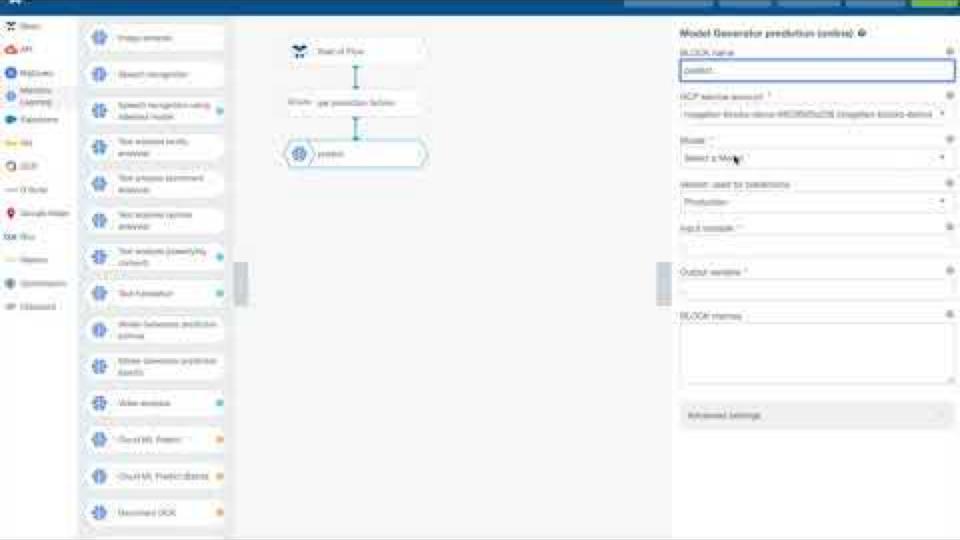
2. Prediction Model

3. Prediction Flow

4. Optimization

We will add a combinatorial optimization service using D-Wave to our existing machine learning services.







5,000,000 vending machines in Japan

Most are outdoors.

They are restocked by delivery persons.



Traveling around to each machine to make sure they are stocked is inefficient.





Projects to add IoT tech for checking stock are progressing, but the costs are very high.

# Our plan: Create a model to accurately predict stock for offline machines, then calculate the optimal shipping routes.

