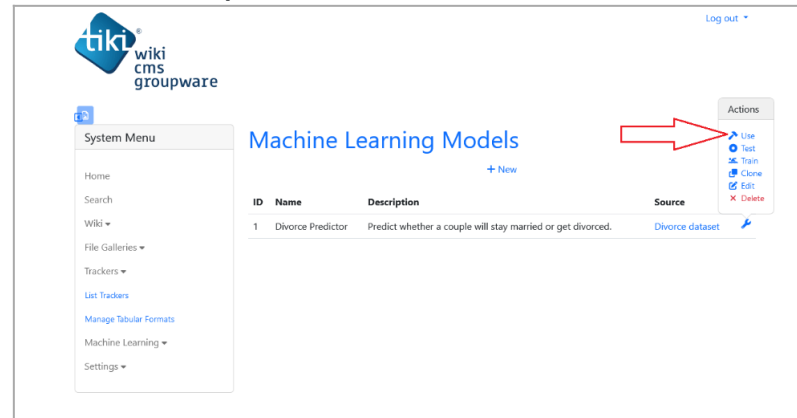


# Using Machine Learning Models

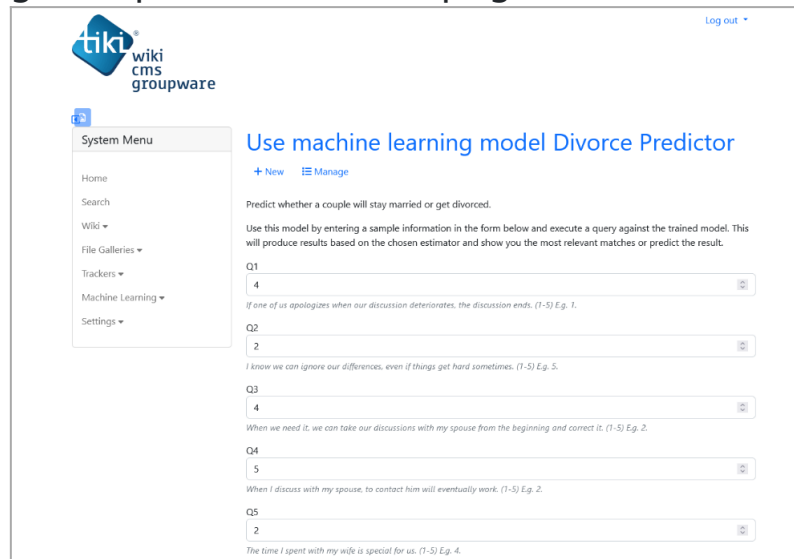
After a model has been trained, it is ready to be used to make prediction on new data. Trying to use an untrained model will result in an error.

To use a model, open its action menu and click on **Use**.



Go to model use page

Tiki will then display the model's page for prediction. This page will include input fields for you to enter new data.

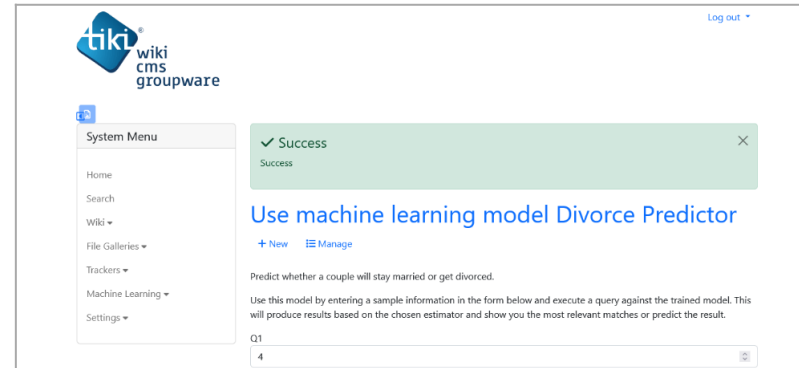
The screenshot shows the 'Use machine learning model Divorce Predictor' page. It has a title bar with '+ New' and 'Manage' links. Below the title is a description: 'Predict whether a couple will stay married or get divorced.' and a note: 'Use this model by entering a sample information in the form below and execute a query against the trained model. This will produce results based on the chosen estimator and show you the most relevant matches or predict the result.' The form contains five input fields labeled Q1 through Q5, each with a dropdown arrow on the right. Below each field is a sample question in italics: Q1: 'If one of us apologizes when our discussion deteriorates, the discussion ends. (1-5) E.g. 1.'; Q2: 'I know we can ignore our differences, even if things get hard sometimes. (1-5) E.g. 5.'; Q3: 'When we need it, we can take our discussions with my spouse from the beginning and correct it. (1-5) E.g. 2.'; Q4: 'When I discuss with my spouse, to contact him will eventually work. (1-5) E.g. 2.'; Q5: 'The time I spent with my wife is special for us. (1-5) E.g. 4.'

Use model page

Fill in the fields and select the type of task you want model to perform. This will be either a probability or prediction

task. Either of the tasks is supported based on the model's underlying learning algorithm. After this, click on the **Submit** button to get result.

A success message will be displayed and result will appear right after the submit button.



Result success message

A screenshot of the Tiki Wiki CMS Groupware interface showing the result of a machine learning model. The form contains four questions (Q1, Q2, Q3, Q4) with corresponding input fields. Q1 has the value '4', Q2 has '4', Q3 has '1', and Q4 has '2'. Below the questions, there is a 'Type' section with two radio buttons: 'Probability (closest matches)' and 'Prediction'. The 'Prediction' radio button is selected. A blue 'Submit' button is located below the 'Type' section. Below the 'Submit' button, the text 'Result: married' is displayed and circled in red.

Result

# Related links

- Machine Learning
- Preparing Machine Learning Dataset
- Creating Machine Learning Models
- Configuring Machine Learning Models
- Training Machine Learning Models