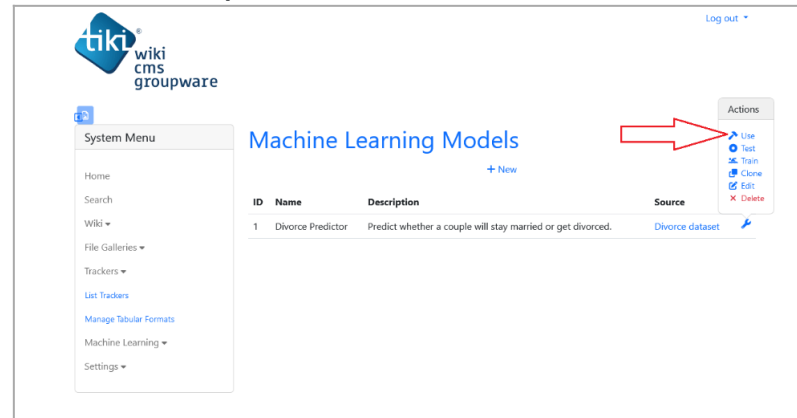


Using Machine Learning Models

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 includes a '+ New' and 'Manage' button. The page contains the following text and form fields:

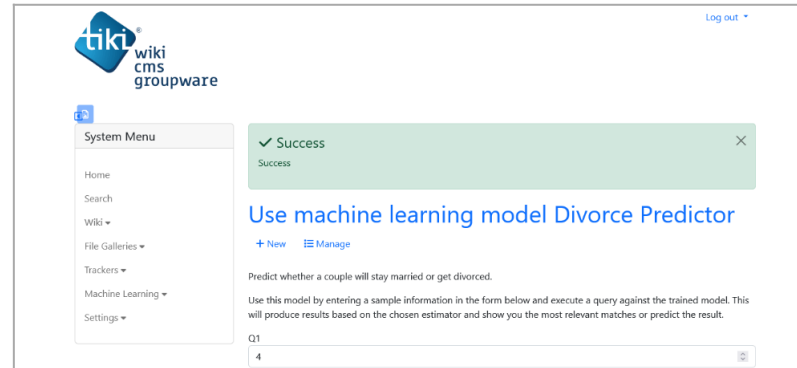
- Predict whether a couple will stay married or get divorced.
- Use this model by entering a sample information in the form below and execute a query against the trained model. This will produce results based on the chosen estimator and show you the most relevant matches or predict the result.
- Q1: 4 (with a dropdown arrow)
- If one of us apologizes when our discussion deteriorates, the discussion ends. (1-5) E.g. 1.*
- Q2: 2 (with a dropdown arrow)
- I know we can ignore our differences, even if things get hard sometimes. (1-5) E.g. 5.*
- Q3: 4 (with a dropdown arrow)
- When we need it, we can take our discussions with my spouse from the beginning and correct it. (1-5) E.g. 2.*
- Q4: 5 (with a dropdown arrow)
- When I discuss with my spouse, to contact him will eventually work. (1-5) E.g. 2.*
- Q5: 2 (with a dropdown arrow)
- 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 'Divorce Predictor' form. It contains four questions (Q1, Q2, Q3, Q4) with corresponding text input fields. Q1 is labeled 'I'm not the one who's wrong about problems at home. (1-5) Eg. 5.' and contains '4'. Q2 is labeled 'I wouldn't hesitate to tell my spouse about her/his inadequacy. (1-5) Eg. 4.' and contains '4'. Q3 is labeled 'When I discuss, I remind my spouse of her/his inadequacy. (1-5) Eg. 4.' and contains '1'. Q4 is labeled 'I'm not afraid to tell my spouse about her/his incompetence. (1-5) Eg. 1.' and contains '2'. Below the questions, there is a 'Type' section with two radio buttons: 'Probability (closest matches)' and 'Prediction'. The 'Prediction' option is selected. A blue 'Submit' button is located below the form. At the bottom, 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