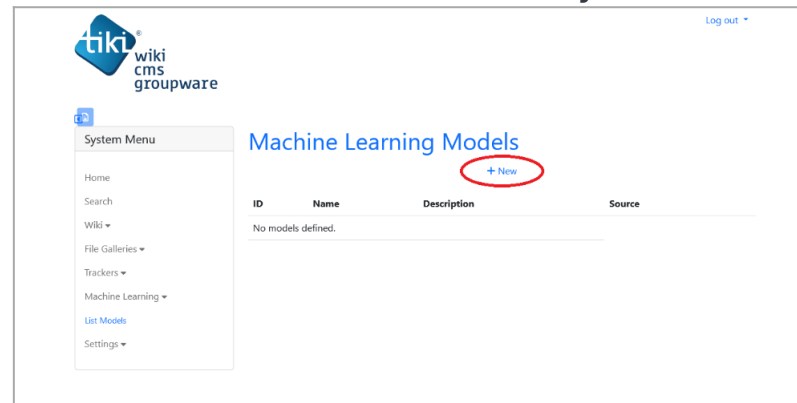


Creating Machine Learning Models

After you prepare a dataset, you are ready to create a Machine Learning model. Start this by going to **List Models** page and click on the **New** button. This will take you to the model creation page.

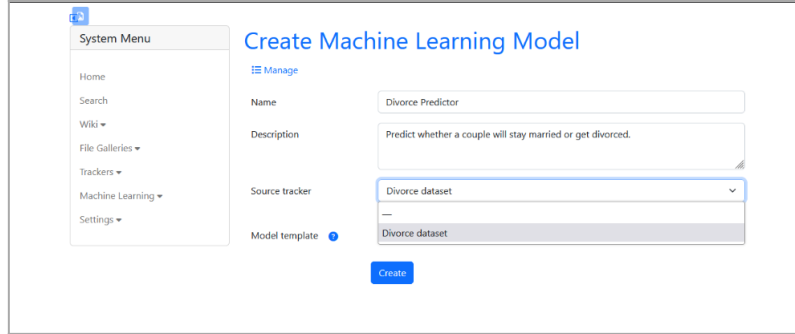


Click on New to create a model

The screenshot shows the 'Create Machine Learning Model' page. It includes a 'System Menu' on the left. The main form has a 'Manage' link and four input fields: 'Name' (containing 'Divorce Predictor'), 'Description' (containing 'Predict whether a couple will stay married or get divorced.'), 'Source tracker' (a dropdown menu showing 'Divorce dataset'), and 'Model template' (a dropdown menu showing 'Start with a blank model'). A blue 'Create' button is at the bottom.

Model creation page

Enter a name for the model, for example, Divorce Predictor; and also a description. Then specify the source tracker.



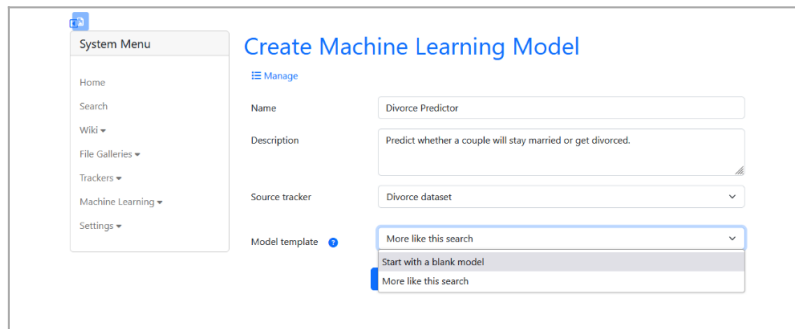
The screenshot shows the 'Create Machine Learning Model' interface. On the left is a 'System Menu' with options: Home, Search, Wiki, File Galleries, Trackers, Machine Learning, and Settings. The main form has a 'Manage' icon and the title 'Create Machine Learning Model'. It contains fields for 'Name' (Divorce Predictor), 'Description' (Predict whether a couple will stay married or get divorced), 'Source tracker' (Divorce dataset), and 'Model template'. A blue 'Create' button is at the bottom.

Select a tracker to be used as data source for model

This will be a tracker you have already prepared to use as the dataset for training the model. See Preparing Machine Learning Dataset for information how to prepare a dataset tracker. Keep in mind that the selected source tracker can not be changed after the model has been created.

Using Model Template

Every model you create require further configuration that involves setting your preferred learner and transformers depending on the task the model is to perform. To make this process easier, Tiki includes some predefined configurations called model templates. To use a template, choose the one that matches your criteria from the Model template dropdown or select **Start with a blank model** to create the model without a template.



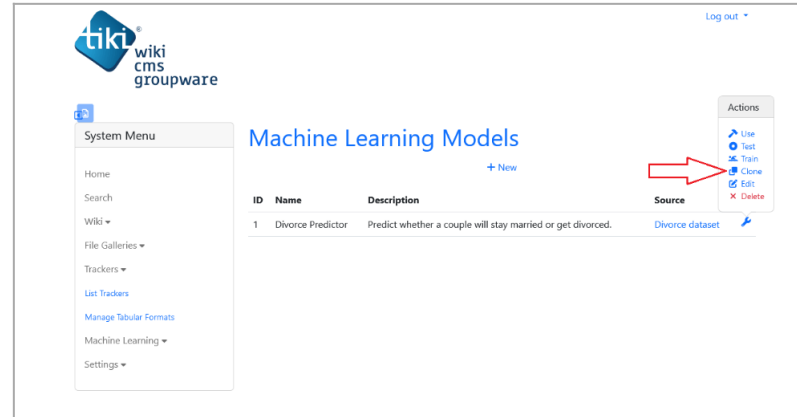
This screenshot shows the same 'Create Machine Learning Model' form, but the 'Model template' dropdown is now open. It displays three options: 'More like this search', 'Start with a blank model' (which is highlighted), and another 'More like this search' option. The 'Source tracker' remains 'Divorce dataset'.

Select a model template or start with blank

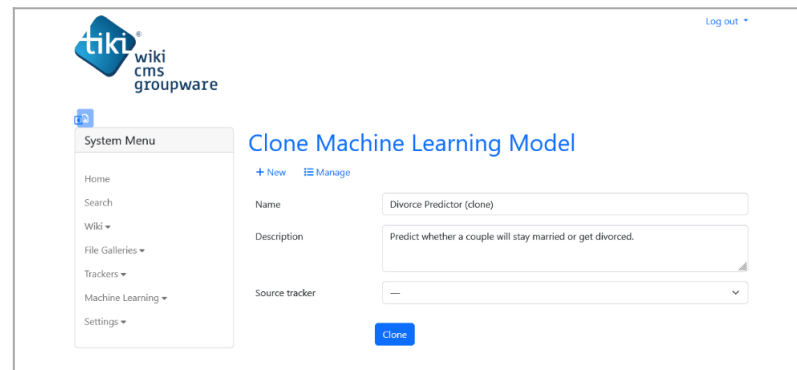
Tiki will create the model after you click on the **Create** button and will display the model configuration page. You can then go on to configuring the model as described in Configuring Machine Learning Models

Cloning an existing model

You can also create a new model from existing model through cloning. This approach is useful if you want to have a new model that is similar in configuration to an existing one. To clone a model, go to the **List Models** page and click on the **Actions** button of the model you wish to clone then select **Clone**.



Click clone in action menu to open model cloning page



Model cloning page

Related links

- [Machine Learning](#)
- [Preparing Machine Learning Dataset](#)
- [Configuring Machine Learning Models](#)
- [Training Machine Learning Models](#)
- [Using Machine Learning Models](#)