# Edit config file

## Plant details

Graphical user interface, text, application

Description automatically generated

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| input\_parameters | Type the input keys to be read from DOSMON server (E.g, CNI, QIN) |
| output\_parameters | Type the keys to be sent to DOSMON server (E.g CINRaw, CNICorrect..) |
| model\_name | Type the name of the binary file used for prediction (KNN\_FD\_Model) |

## Account and Device details

Text, letter

Description automatically generatedGraphical user interface, text, application

Description automatically generated

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| url | Type the url for DOSMON |
| username | Enter your DOSMON username (Eg. xxx@doscon.no) |
| password | Enter your DOSMON password (it is the same password used to login to DOSMON account) |
| Device\_id | DOSMON device from which the data is either read or sent. |
| mqtt\_ip | In case the DOSMON server does not have a valid url , you can also input the IP address of the server |

## Buffer data

Text, letter

Description automatically generated

Input the parameters in the config file that should be updated at the end of each run

# Input your algorithm

## Step 1: Select the datakeys that will be used as predictors for the model

Text

Description automatically generated

## Step 2: Prepare the predictors for the model

Convert the raw values obtained from DOSMON or from the config file to the list of predictors that can be used in the model

Text

Description automatically generated

## Step 3: Load model file and generate model predictions

Text

Description automatically generated

# Send data to DOSMON

Covert the model predictions to a dictionary before sending them to DOSMON server

A screenshot of a computer

Description automatically generated with medium confidence

# Update config file

Prepare the values from the config file which you would like to update.Text

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