Implementing H2O using Web Flow

Wednesday, June 08, 2016 7:06 PM

1. Start the command prompt to create the instance of **H2O**.

2. Set the path where you have downloaded the **H2O** file in command prompt

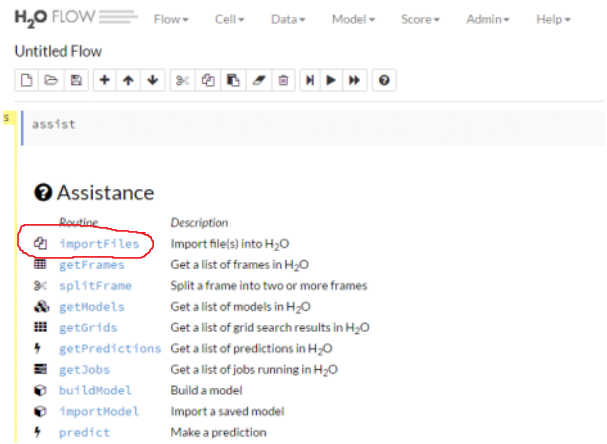
3. Execute the following command to create the instance of **H2O** : **java -jar h2o.jar**

4. You can view the instance of **H2O** in your browser by accessing the localhost (**localhost:54321**)

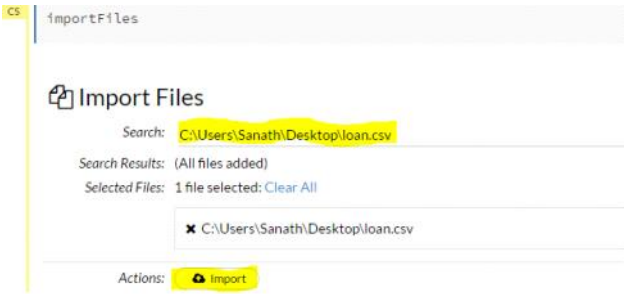
5. Import the loan.csv file in the **H2O** web flow to create the model

   Snapshots

   Step1: Import Files

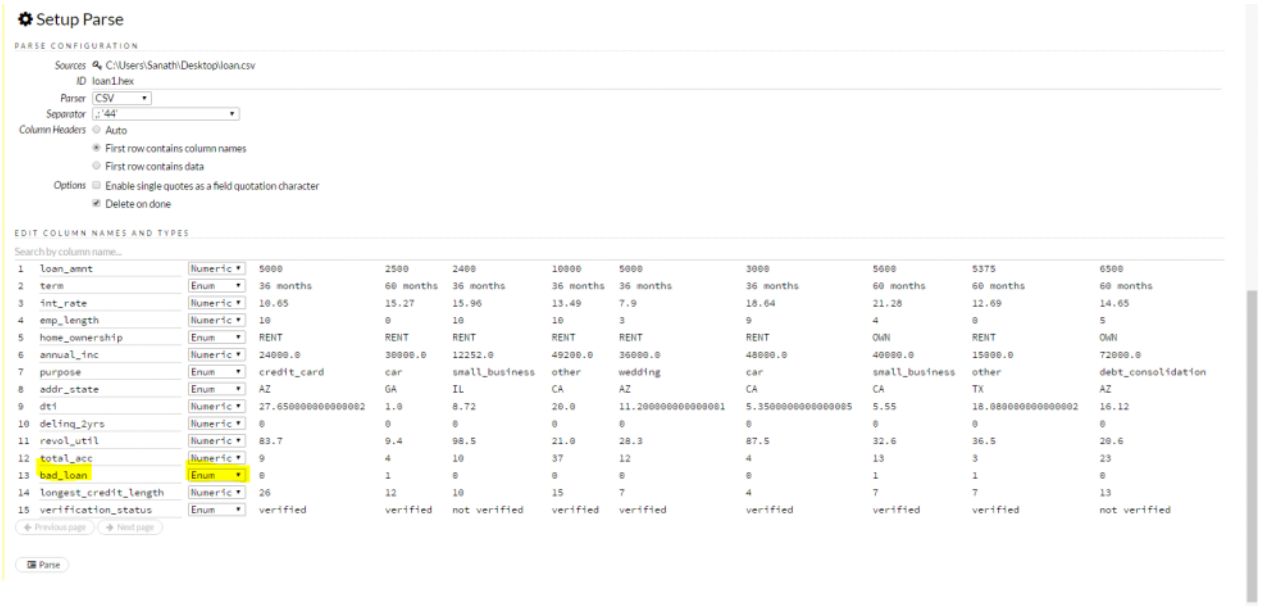


   Step2: Give the path for the loan.csv file in the Search tab, Add the selected file and then Hit the Import button

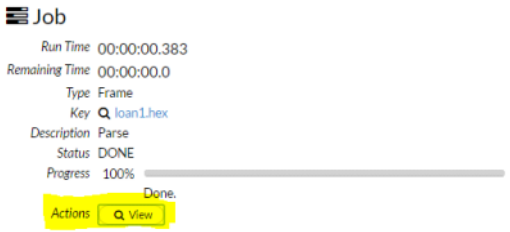


   Step3: Once the path for the loan.csv file is selected, Hit the parse these files button

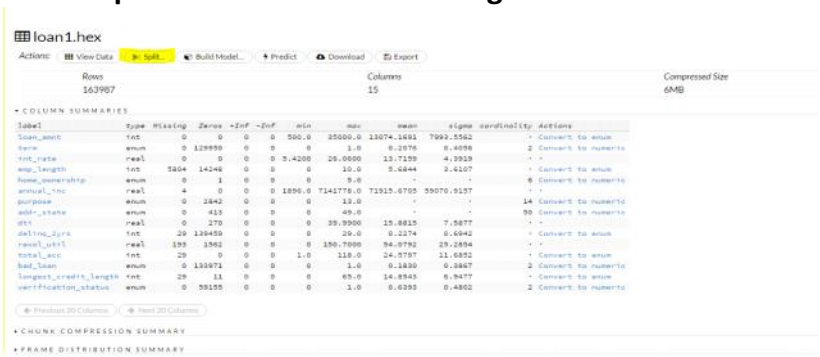
   Step4: You can view the summary of the loan.csv file. Now change the data type of the bad_loan attribute from Numeric to Enum. Click the Parse button



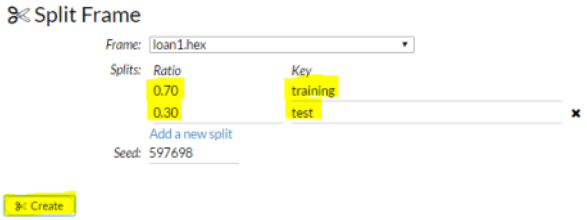
Step5 : Check the job summary. Once it is completed you can build your model by hitting the Actions tab



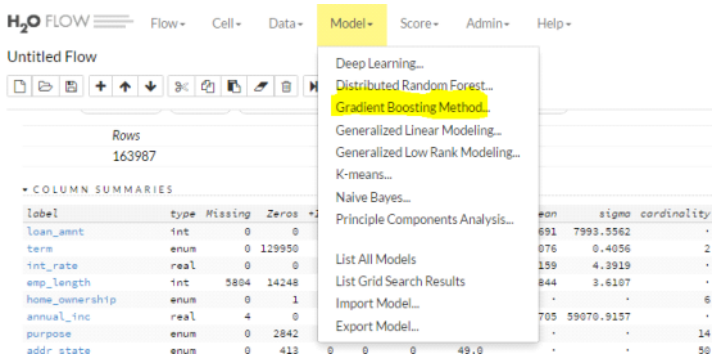
Step6 : Now split the dataset into training and test set.



Step7 : Split the dataset into training(70%) and test(30%). Rename them as shown in snapshot and hit Create

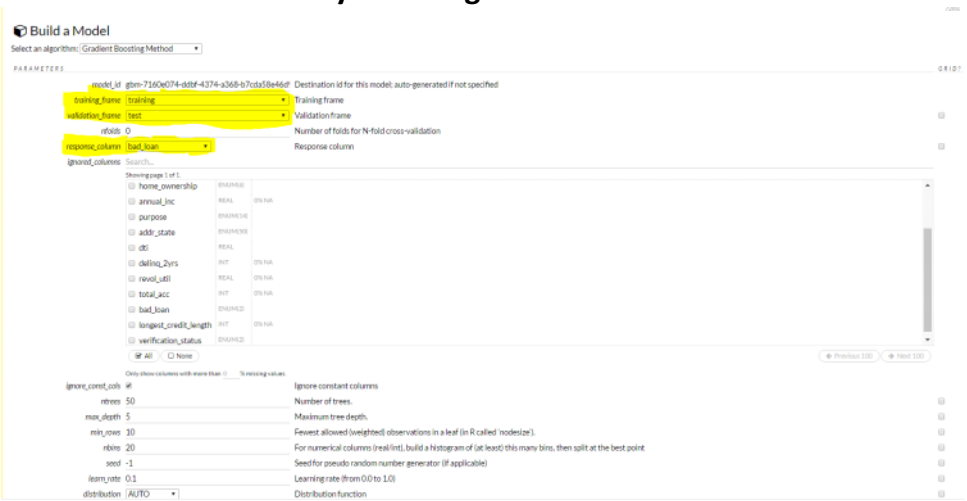


Step8 : Create your model by selecting Model from Menu Bar. Select Gradient Boosting Method from the submenu Model



Step9 : Build the model. Make the following changes

i. **Select training as the training frame**
ii. **Select test as the test frame**
iii. **Select the response column as bad_loans**
iv. **Check the score iteration checkbox**
v. **Build the model by selecting the Build Model button at the end**



Step 10 : Select the View action to view the results for your model

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