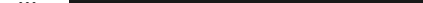


How to add a model step-by-step:

1. Adding a model consists of 3 steps
 - a. Ensure the train, test and validation csv data files exist.
 - b. Ensure your model can integrate into the model pipeline framework
 - c. Ensure you run your model using the model pipeline framework
2. Ensuring the train, test and validation csv data files exist.
 - a. Check the repo for your like train_1K.CSV or test_10K.csv, etc
 - b. If your data file doesn't exist, add an entry to gen_data_info.csv config file, then run Jupyter notebook test_data_generator.ipynb. Baring any error, this should generate your data file you specified in gen_data_info.csv. Ensure you have an entry for train, test and validation.
3. Ensure your model can integrate into the model pipeline framework
 - a. Your model primarily needs to inherit from the SASentimentModel abstract class
 - b. And then implement all the abstract methods which your model needs anyway.
4. Ensure you run your model using the model pipeline framework
 - a. Once you have your model developed and ready to test, then simply add an entry to the model_config.csv
 - b. The first column is the name of your model. You can name it Supercalifragilisticexpialidocious. It is only used for display purposes
 - c. The 2nd column is the name of the module. This is the file name of your model. For example, you can name your file sa_self_attention.py. Then the 2nd column should be sa_self_attention
 - d. The 3rd column is the class name. This is the name of your model class. For example, "class SASelfAttentionModel:" then the 3rd column should be SASelfAttentionModel\
 - e. The 4th column is any model params you like to use in your model. For example, vocab_size, max_sequence_length, epoch, etc. Then the 4th column should be a quoted string like "vocab_size=10000,max_sequence_length=100,epoch=10"
5. After you have configured the model_config.csv file, then
 - a. Run either run Jupyter notebook
 - i. test_model_pipeline.ipynb that runs ALL the models defined in the model_config.csv file or
 - ii. test_single_model_pipeline.ipynb and modify the 2 parameters, model module name and model class name.

[illegible]

- iii. 
 - iv. This will run your model instance calling all the abstract methods you defined in your class.
6. That's it.