Hi Team,

I’ve created a model based on the requirements and placed in this folder. I’ve chosen python as a programming language to code in jupyter, which helps understanding the code intuitively.

I’ve used deep learning with NLP to build the model. There are two jupyter files placed in this folder one file is having output code (File name: “ADR\_Classification\_with\_output.ipynb) and another one is having only code (File name: “ADR\_Classification.ipynb”). Please find below to know my approach of building this model.

* Importing the required packages
* Building the tokenizer
* Preparing the data
* Padding the sequences
* Building the embedding layer
* Building the graph
* Execution of graph
* Model summary

I’m able to get the test accuracy of 99.4% and while validation accuracy of 87.5%.

Kindly, get back to me if any further information is needed.