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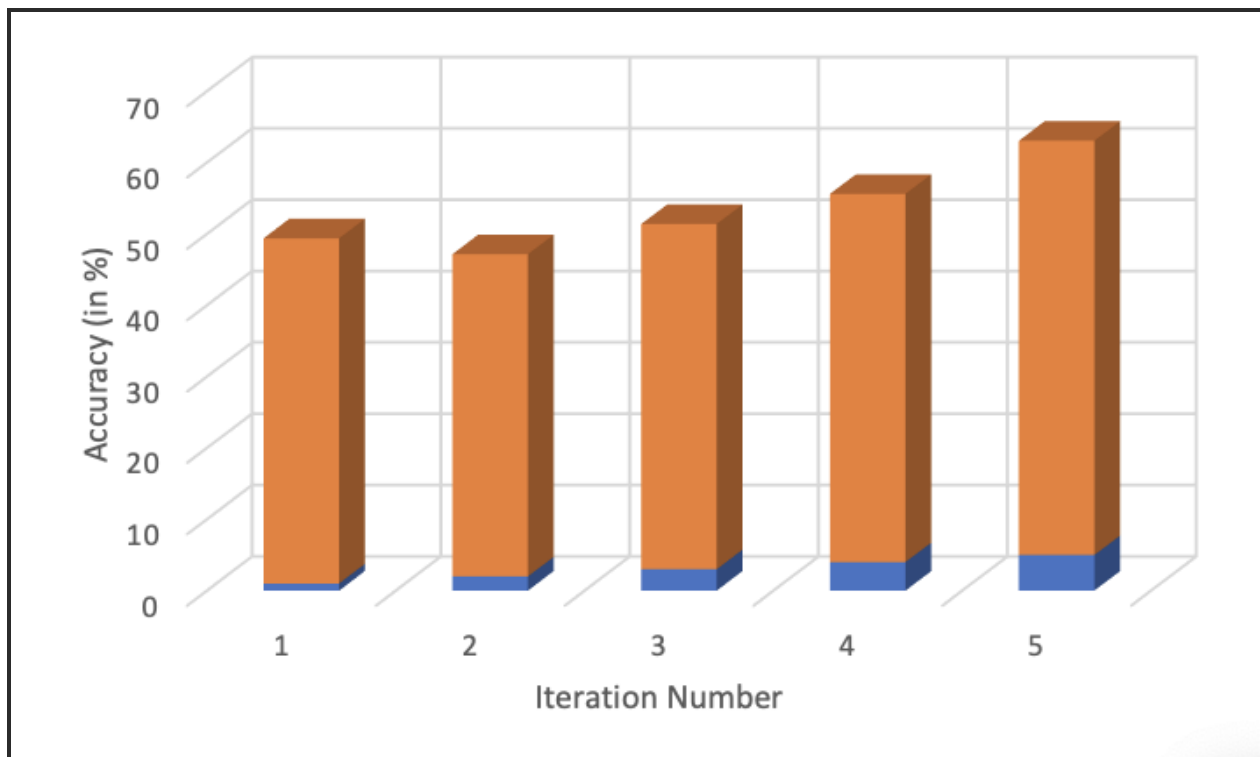
## RESULT

The performance metrics i.e. accuracy taken into account for this chatbot were noted manually. The chatbot was initially trained and then a conversation was started with it.

Every iteration produced 31 responses. From these, the accuracy was calculated as follows:

Iteration Number	Right Responses	Total Responses	Accuracy
1	15	31	48.3870968
2	14	31	45.1612903
3	15	31	48.3870968
4	16	31	51.6129032
5	18	31	58.0645161

This produced the following graph:



The ChatterBot module in python does not provide a feature to measure the accuracy automatically while running the logs. So we proceed with a manual test, taking a total of 155 conversations in sets of 31 and calculating their accuracy per iteration. We calculated accuracy by dividing the total number of correct answers with the total number of conversations considered in that iteration and multiplied it with 100 to get the accuracy rate.

Here are a few snippets from the conversations with our very own BPDC Bot:

