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# Software Engineering (Python)

## Brief

- Using python and a framework of your choice develop an application that does the following:
- Using a SMS spam data set <http://www.dt.fee.unicamp.br/~tiago/smsspamcollection/>
- create a model, that generates a "spam score" of any input text.
- Assuming texts with spam probability of 0.7 and above are spammy, develop an application that for any given input string, using the model, outputs "SPAM" or "NOT SPAM".
- You'll be judged on the basis of dataset filtration, input classification, code quality, etc.

## Submission

Please send across the following:

- Link to git repository
- Additionally you're required to attach a brief document/presentation on how you have approached the task and what you would improve in the implementation given more time

**Any questions regarding the tasks can be addressed to [engineering@thinkerbelllabs.com](mailto:engineering@thinkerbelllabs.com)**