1. How will you treat text having short cut words (like bcz, u, thr etc…)?

Ans :

Shortcut words are not useful in text mining it has to replace with main words.

**Example program :**

import regex as re

def remove\_words(my\_line):

new\_line =''

compiler\_thr = re.compile(r"thr")

compiler\_u = re.compile(r"u")

compiler\_bcz = re.compile(r"bcz")

for i in my\_line.split():

if i in compiler\_thr.findall(my\_line):

new\_line = new\_line + ' ' + 'there'

elif i in compiler\_u.findall(my\_line):

new\_line = new\_line + ' ' + 'you'

elif i in compiler\_bcz.findall(my\_line):

new\_line = new\_line + ' ' + 'because'

else:

new\_line = new\_line + ' ' + i

return new\_line

2) Write R and python code to replace “bcz” with “because” in whole text?

Ans: python Program to replace bcz with because attached ml.py

3) How do you deal with the English text having Hindi words in between

Ans: we can use a [phonetic algorithm](https://en.wikipedia.org/wiki/Phonetic_algorithm) like soundex to deal with out-of-vocabulary terms and to try to match them to hindi words. Then you translate those indie words into english.

4) Write R code to connect with this public API - <http://www.omdbapi.com>

Ans: Code is attached

5) What are the different methods to deploy a model into production system?

Ans: There are two methods to deploy model.

1. Online Method
2. Offline Method

Online Method : Online methods are helps to deploy the model at cloud server and integrate through web or tableu

Deployment Tools:

* Revo Deploy R
* Orange

Offline Method : Offline methods helps to run the code within the local system.Schedulers and timers that runs the production code at specific interval of time.

Offline Tool: Task Scheduler Windows