**CQA Summary Report**

**Objective**

With the accessibility of internet and rapidly growth of online information, more people automatically turn to internet for solutions of their problems. However, people usually unable to acquire ideal info they need only via web-page viewing. Community-based Question Answering (CQA) platform is a great compliment, on which, users can describe their issues and wait for other user’s help. In some popular CQA sites, such as Yahoo Answers, Baidu Zhidao and Stack Overflow, enormous questions have been posted and perfectly solved. However, the answers for these questions vary in both quantity and quality. Since lots of similar questions are still being brought onto board every day, it’s necessary to develop a mechanism to take advantage of those existing information efficiently. The ideal scenario is when a question is asked, an informative answer can be immediately and automatically generated. For example, in Yahoo! Answers, there is a question about PCOS self-diagnose:

*Question: I am almost positive I have PCOS, but I’ve never told anyone or seen a doctor about it. For the most part, I simply absolutely do not want to go through a pelvic exam. Is PCOS possible to diagnose without one?*

Quite a few users responded this question; lots of them are duplicated and useless though. When another user tried to search for PCOS self-diagnose, it could be exhausting and distracting to go through the long list to find the useful info. Among the long responding list, there is an answer listed an overview of PCOS with some typical symptoms of it, while another user provided her personal experience of PCOS misdiagnose. It is really helpful if we have a automatic answer generating application to retrieve and combine the information for asker.

In this report, we try to develop such an automatic answer summary mechanism. For each question, we summarized its existing answers to generate an ideal answer within a specific length. An ideal answer should be relevant, informative and concise.

**Dataset**

The data set we use in this experiment is [**L29 - Yahoo Answers Novelty Based Answer Ranking, version 1.0**](http://webscope.sandbox.yahoo.com/catalog.php?datatype=l&did=80). There are two major part of this dataset. In its raw data file, there are 110 selected community questions and answers (at least 10 for each question). Another data file contains the manually annotated textual propositions within each answer and relevant aspects to the target question.

**Approach**

We keep the questions, answers and propositions in the following format:

Answer approach—take a complete answer as basic units generating final results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Question  #1 | Answer 1 | #of aspects | int[#prop(aspect 1),  …,  #prop(aspect i)] | Prop: aspect 1—prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect i—prop location in this answer (-1 if !contain) |
|  | … | … | … | … |
|  | Answer n | #of aspects | int[#prop,…, #prop] | Prop: aspect 1—prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect i—prop location in this answer (-1 if !contain) |
| Q… |  |  |  |  |

Sentence—use sentences in each answer as basic forming units

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Question  #1 | Answer 1 | Sentence 1 | #of aspects | int[#prop(aspect 1),  …,  #prop(aspect i)] | Prop: aspect 1 -- prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect I -- prop location in this answer (-1 if !contain) |
| … | … |  |  |
| Sentence m | #of aspects | int[#prop(aspect 1),  …,  #prop(aspect i)] | Prop: aspect 1 -- prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect i -- prop location in this answer (-1 if !contain) |
| … |  |  |  |  |
| Answer n | Sentence 1 | #of aspects | int[#prop(aspect 1),  …,  #prop(aspect i)] | Prop: aspect 1 -- prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect I -- prop location in this answer (-1 if !contain) |
| … | … |  |  |
| Sentence m | #of aspects | int[#prop(aspect 1),  …,  #prop(aspect i)] | Prop: aspect 1 -- prop location in this answer (-1 if !contain) |
| … |
| Prop: aspect I -- prop location in this answer (-1 if !contain) |

For each question in this dataset, we rank its answers/sentences and generate a final answer. Then evaluate the generated answer with its related proposition cluster.

**Evaluation metric**

Proposition belongs to aspect

*:* the length limitation of result;

—0/1; 1 if answer contains proposition P and

–- how many times any proposition in aspect s has appeared before

α – how important is novelty in ranking, between [0,1]

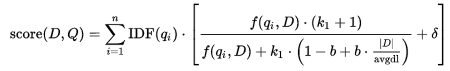
--α =0 🡪 count all aspects in an answer, ignore novelty

--α =1 🡪 count only novel aspects

**Ranking**

Keep choosing ranking units (answers or sentences) in the unselected set to create the result until it reach the length limitation.

* random—randomly pick up unselected units generating the new answer
* Bm25—rank existing answers/sentences according to their bm25 similarity to question



For each word in a certain answer/sentence, its location was recorded. Consider its location when counting words frequency—if only 10 characters are needed, we won’t count a word which location is greater than 10.

* MMR—rank existing answers/sentences according to their bm25 similarity to question and previously selected answers/sentences

**Result**

* Complete answer summary:

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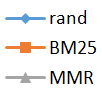
|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.420 | 0.531 | 0.575 | 0.622 | 0.651 | 0.704 | 0.755 | 0.767 | 0.775 | 0.782 |
| BM25 | 0.411 | 0.536 | 0.560 | 0.591 | 0.627 | 0.654 | 0.687 | 0.678 | 0.683 | 0.683 |
| MMR | 0.432 | 0.549 | 0.574 | 0.617 | 0.676 | 0.719 | 0.796 | 0.796 | 0.803 | 0.791 |
| (mmr-lamda) | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 |

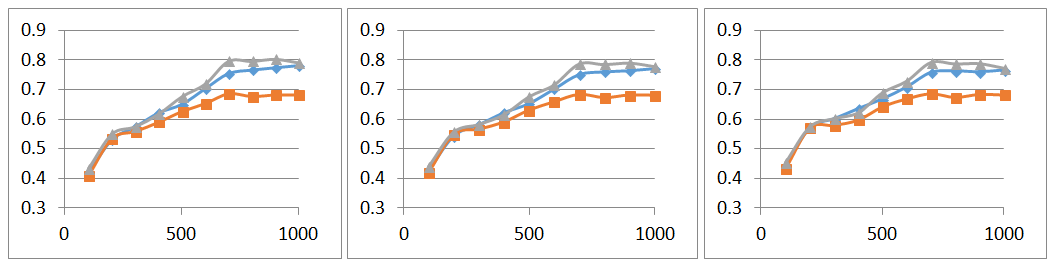
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.427 | 0.544 | 0.582 | 0.623 | 0.654 | 0.703 | 0.752 | 0.761 | 0.765 | 0.772 |
| BM25 | 0.418 | 0.548 | 0.565 | 0.590 | 0.630 | 0.658 | 0.683 | 0.672 | 0.681 | 0.680 |
| MMR | 0.439 | 0.556 | 0.582 | 0.615 | 0.676 | 0.716 | 0.787 | 0.785 | 0.790 | 0.778 |
| (mmr-lamda) | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0.1 |

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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.443 | 0.571 | 0.601 | 0.635 | 0.668 | 0.708 | 0.757 | 0.762 | 0.759 | 0.765 |
| BM25 | 0.432 | 0.570 | 0.579 | 0.597 | 0.642 | 0.669 | 0.686 | 0.674 | 0.684 | 0.682 |
| MMR | 0.453 | 0.573 | 0.601 | 0.621 | 0.688 | 0.727 | 0.790 | 0.785 | 0.786 | 0.771 |
| (mmr-lamda) | 0 | 0.1 | 0 | 0 | 0.1 | 0.2 | 0 | 0.1 | 0 | 0.1 |





Alpha = 0.3 Alpha = 0.5 Alpha = 0.8

--MMR works definitely better than BM25, and better than random in most case.

--There is a slight improvement using MMR than random.

--When length is small, there is no obvious enhancement using MMR ranking than using BM25 ranking. But with the growth of length, the gap between BM25 and MMR is also growing.

--For MMR, the best score appears when lamda is low, which means diversity is more important than Q-A similarity.

* Sentence Summary

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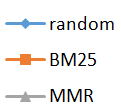
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.270 | 0.343 | 0.363 | 0.432 | 0.477 | 0.506 | 0.546 | 0.563 | 0.592 | 0.604 |
| BM25 | 0.286 | 0.359 | 0.396 | 0.470 | 0.511 | 0.531 | 0.555 | 0.570 | 0.590 | 0.615 |
| MMR | 0.284 | 0.415 | 0.484 | 0.532 | 0.571 | 0.585 | 0.609 | 0.631 | 0.649 | 0.661 |
| (mmr-lamda) | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0.1 |

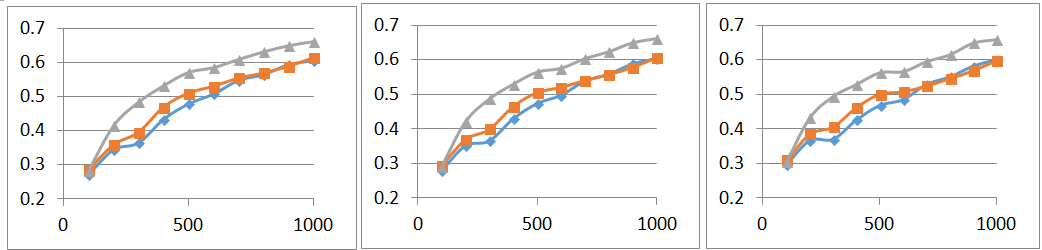
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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.279 | 0.351 | 0.365 | 0.429 | 0.473 | 0.497 | 0.538 | 0.558 | 0.588 | 0.603 |
| BM25 | 0.294 | 0.369 | 0.399 | 0.465 | 0.505 | 0.520 | 0.540 | 0.557 | 0.578 | 0.606 |
| MMR | 0.291 | 0.421 | 0.487 | 0.530 | 0.565 | 0.576 | 0.604 | 0.624 | 0.650 | 0.662 |
| (mmr-lamda) | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0 |

():

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| random | 0.296 | 0.366 | 0.370 | 0.426 | 0.468 | 0.485 | 0.529 | 0.551 | 0.582 | 0.601 |
| BM25 | 0.309 | 0.385 | 0.406 | 0.462 | 0.500 | 0.507 | 0.524 | 0.545 | 0.568 | 0.597 |
| MMR | 0.306 | 0.433 | 0.495 | 0.530 | 0.564 | 0.567 | 0.596 | 0.616 | 0.650 | 0.660 |
| (mmr-lamda) | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0.1 |





Alpha = 0.3 Alpha = 0.5 Alpha = 0.8

--There is obvious performance enhancement when using MMR than BM25 and random.

--When the answer length limitation is small (less than ), BM25 is better than random.

--In larger length limitation, there is no significant improvement by using BM25.

-- decreases when alpha grows.

* Compare (normalized with best answers of sentence summary)

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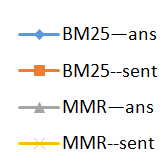
|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| BM25—ans | 0.366 | 0.435 | 0.449 | 0.485 | 0.513 | 0.524 | 0.555 | 0.550 | 0.570 | 0.578 |
| BM25--sent | 0.286 | 0.359 | 0.396 | 0.470 | 0.511 | 0.531 | 0.555 | 0.570 | 0.590 | 0.615 |
|  | | | | | | | | | | |
| MMR—ans  Ans (lamda) | 0.385 | 0.434 | 0.461 | 0.499 | 0.552 | 0.563 | 0.640 | 0.638 | 0.660 | 0.662 |
| 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 |
| MMR--sent  Sent (lamda) | 0.284 | 0.415 | 0.484 | 0.532 | 0.571 | 0.585 | 0.609 | 0.631 | 0.649 | 0.661 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0.1 |

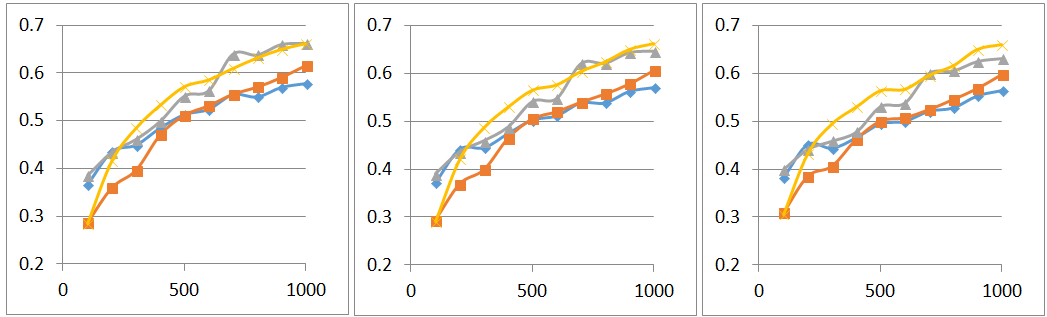
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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| BM25—ans | 0.372 | 0.442 | 0.445 | 0.475 | 0.503 | 0.512 | 0.539 | 0.539 | 0.563 | 0.571 |
| BM25--sent | 0.294 | 0.369 | 0.399 | 0.465 | 0.505 | 0.520 | 0.540 | 0.557 | 0.578 | 0.606 |
|  | | | | | | | | | | |
| MMR—ans  Ans (lamda) | 0.390 | 0.436 | 0.459 | 0.488 | 0.541 | 0.547 | 0.620 | 0.621 | 0.643 | 0.646 |
| 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0.1 |
| MMR--sent  Sent (lamda) | 0.291 | 0.421 | 0.487 | 0.530 | 0.565 | 0.576 | 0.604 | 0.624 | 0.650 | 0.662 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0 |

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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length(character) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| BM25—ans | 0.383 | 0.452 | 0.444 | 0.466 | 0.495 | 0.500 | 0.521 | 0.528 | 0.553 | 0.564 |
| BM25--sent | 0.309 | 0.385 | 0.406 | 0.462 | 0.500 | 0.507 | 0.524 | 0.545 | 0.568 | 0.597 |
|  | | | | | | | | | | |
| MMR—ans  Ans (lamda) | 0.400 | 0.442 | 0.459 | 0.478 | 0.531 | 0.538 | 0.600 | 0.605 | 0.625 | 0.631 |
| 0 | 0.1 | 0 | 0 | 0.1 | 0.2 | 0 | 0.1 | 0 | 0.1 |
| MMR--sent  Sent (lamda) | 0.306 | 0.433 | 0.495 | 0.530 | 0.564 | 0.567 | 0.596 | 0.616 | 0.650 | 0.660 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0.1 |





Alpha = 0.3 Alpha = 0.5 Alpha = 0.8

--BM25 ranking: the score of complete answer summary is better than that of sentence summary if the length limitation is small, but worse if the limitation is large.

--this changing point becomes longer when alpha goes higher.

--MMR ranking: the score of sentence summary is always better than that of answer summary.

--MMR ranking performs better than BM25 in QA summary for both complete answer summary and sentence summary at most situations.

**Summary**

For QA summary problem, BM25 seems unable to provide significant improvement (compared with random ranking). The possible reason might be that the majority of answers are relevant to their questions. So in the complete answer summary part, when the answer becomes longer, the gap between BM25 and Random/MMR becomes wider. Thus, taking similarity feature alone is not an ideal way to generate an answer. When the answer is getting longer, the significance of diversity becomes evident, which is why MMR perform better than BM25 and Random at a longer length.

Although in scenario of complete answer summary BM25 plays almost always worse than random, it is better in sentence summarization when length is short. A possible reason is that when separate all the sentences apart, it seems we get a larger answer pool with more diversity. So there is a great chance that the random picked sentence is not relevant at all. In sentence-based summary, MMR improved the result apparently. As the following example (question 26. Alpha=0.5, length = 200). There are basically 2 sentence in each of these answers. Since MMR is BM25-based, they always choose the same first element which has the highest similarity to the question. But other than that, QA similarity didn’t bring too much useful info to the result.

|  |  |  |
| --- | --- | --- |
| Question 26. suicidal thoughts? i honestly have been thinking of killing myself lately. i just feel like everything is going down hill, that everyone dislikes me, and that i have nothing going for myself. even my whole family hates me. i know i'm only yy but i just don't know what to do anymore. everyday i feel more and more suicidal. i just don't know what to do.... | | |
| MMR: i am very sorry to hear that your family hates you, that is just unfair. come on there must be some challenges in ir life get it over and fight add oil get help. see a psychiatrist. they are private  (I am very sorry to hear that your family hates you, that is just unfair. )  (get it over and fight) | BM25: i am very sorry to hear that your family hates you, that is just unfair. but believe me, the situations in my very own life were no good a year ago. i had nothing to showcase as my achievements, i rep  (I am very sorry to hear that your family hates you, that is just unfair. ) | Random: but be smart though and see if the person you can relate to safely or not. when you can finally respect yourself, you'll find others respecting you. get help. i do, and it helps tremendously. they are  (When you can finally respect yourself, you'll find others respecting you. ) |

If we compare the performance of BM25 in answer summary and sentence summary, we can see that when length is short, answer-based summary is better. The following are results of BM25 in question No.62 & No.94 (alpha=0.5, length=100). It is possible that when people are trying to respond a community question, they tend to provide the most important information in the first few sentences. When the answer is getting longer, sentence-based BM25 out-performed answer-based might because the answer from a single responder tends to provide uniform info.

|  |  |
| --- | --- |
| QUESTION No.94 how to get rid of pimples fast without buying anything? | |
| Answer-based: i use hydrogen peroxide and that seems to work fast. sleep early, exercise morewash your face in the  (use hydrogen peroxide and that seems to work fast) (Sleep early) (exercise) | Sentence-based: don't pick either. i had to take accutane to get rid of mine. eat 5 - minute oatmeal 3 times a week.  (Eat 5 - minute oatmeal 3 times a week) |
| QUESTION No.62 which form of egg is very good for health? i mean there is boiled egg ,half boiled and omletwhich one is very good for health without collestrolpl.answer me | |
| Answer-based: the boiled egg is very good to health because it creates more vitamins more than the half boiled and (The boiled egg is very good to health ) | Sentence-based: the boiled egg is very good to health because it creates more vitamins more than the half boiled and (The boiled egg is very good to health ) |

Sentence summary with MMR ranking method provides the best performance. MMR method performs better when lambda is small which means for this dataset, diversity is a major factor affecting the quality of final answer.

**I’ve generated the text file of result of all the method mentioned above and put them on Github. The following are several examples. (The question index used here is the same as the order of questions in the raw data file)**

**Complete Answer Summary ():**

QUESTION No.1 i would like to lose 50 lbs in 3 months? how can i do this can someone tell me things to do at the gym and of any diets that work or the foods to eat. i would like to look good by my birthday. i'm 6' and weigh 230 50 lbs less is average i think

**Random:** go wheat free. no pasta, pizza, bread and so on. and no food after 7 p.m. people achieve marvellous results with it. depending on your initial weight, you can drop upwards from 20 pounds a mont

**BM25:** you know the best diet for losing weight? it is called high carb raw vegan! google it! i am a raw vegan and it is fantastic! it rocks! you can eat how much you care for and still lose weight! good b

**MMR:** you know the best diet for losing weight? it is called high carb raw vegan! google it! i am a raw vegan and it is fantastic! it rocks! you can eat how much you care for and still lose weight! good b

**Best anwer:** don't be desperate like this! be natural and just eat healthy food. don't ever listen to what people say 50 pounds...probably not unless you are really fat. weight train heavy. get a book like "starti (Be natural and just eat healthy food)(Weight train heavy)(probably not unless you are REALLY fat)

QUESTION No.6 is it healthy to drink 2 cups of coffee daily? i have been taking 2 cups a day. 1 in the morning and other at night.

**Random:** hello kuljeet! i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing pa (I drink 3 to 4 cups of coffee a day and i'm perfectly fine)

**BM25:** your thinking and my thinking is same i am also taking 2 cups in a day i think, it is safe for health according my experience its not healthy, but safe i am agree to karthik...its even healthy but i (Its not healthy, but safe)

**MMR:** your thinking and my thinking is same i am also taking 2 cups in a day i think, it is safe for health according my experience yes, but try not to have coffee before your sleep time. no...i don't thi (Yes, but try not to have coffee before your sleep time)

**Best:** i am agree to karthik...its even healthy but it is safe,,,but some coffee has a good benefits,... goodluck!im not coffee drinkers,but i love its smell,i have friends who is addicted to coffee,but she (coffee has a good benefits) (i love its smell)

QUESTION No.37 what foods will help to increase immunity level? doctor has warned me that my immunity level is low and prescribed me a lot of tablets grrr i really dislike taking pills...is there any natural way to increase my immunity pakoras in advance for answering;)

**Random:** chicken noodles and vegetable soup. mushrooms are an aid to your immune system - 90% of your immune system is your digestive tract - so foods that help digestion may strengthen your immune system - i (mushrooms are an aid to your immune system) (foods that help digestion may strengthen your immune system)

**BM25:** it would be very interesting if you could list the pills the doctor has prescribed to you. if your immunity is so seriously compromised, would now be the time to ignore the laws of physics? to me, i (rest)

**MMR:** it would be very interesting if you could list the pills the doctor has prescribed to you. if your immunity is so seriously compromised, would now be the time to ignore the laws of physics? to me, i (rest)

**Best:** mojojojo, your picture tells me you are one with the land, and all things natural. but take off the lab coat and try eating fresh fruits, and veggies. drink plenty of water, and know that many indian (try eating fresh fruits) (Drink plenty of water)

**Complete Answer Summary ():**

QUESTION No.1 i would like to lose 50 lbs in 3 months? how can i do this can someone tell me things to do at the gym and of any diets that work or the foods to eat. i would like to look good by my birthday. i'm 6' and weigh 230 50 lbs less is average i think

**Random:** go wheat free. no pasta, pizza, bread and so on. and no food after 7 p.m. people achieve marvellous results with it. depending on your initial weight, you can drop upwards from 20 pounds a month. if you don't eat wheat then you don't eat all those sticky, fatty goey cakes, you don't eat junk food, and you don't eat biscuits. but your diet is still balanced. it costs nothing, and

**BM25:** you know the best diet for losing weight? it is called high carb raw vegan! google it! i am a raw vegan and it is fantastic! it rocks! you can eat how much you care for and still lose weight! good book to read on this subject, check this out, you will love this lifestyle: http://tinyurl.com/no6kpuc good luck! i suggest that you try zumba, you can burn 700-1000 cal. in just a single hour. go wh

**MMR:** you know the best diet for losing weight? it is called high carb raw vegan! google it! i am a raw vegan and it is fantastic! it rocks! you can eat how much you care for and still lose weight! good book to read on this subject, check this out, you will love this lifestyle: http://tinyurl.com/no6kpuc good luck! i suggest that you try zumba, you can burn 700-1000 cal. in just a single hour. gymnas

**Best:** combine cardio (running, walking, aerobix, swimming, cycling) with yoga/pilates and or strength (weight lifting) for optimum results. exercise daily. move more in general as every movement you make burns calories. so stretching, bending to pick things up, cleaning etc. eat lots of vegetables (particularly green ones) and some fruit. also eat lean protein (nuts, lean meat, legumes, tofu, low fat d (Eat lots of vegetables) (strength )

QUESTION No.6 is it healthy to drink 2 cups of coffee daily? i have been taking 2 cups a day. 1 in the morning and other at night..

**Random:** hello kuljeet! i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quarter. also, i found out that you should cap your consumption at three cups a day. i sometimes drink even 5, but what can i do? i can't resist to a good gourmet coffee. hope it wa (I drink 3 to 4 cups of coffee a day and i'm perfectly fine) (drinking two to three cups a day could reduce your risk of developing Parkinson) (you should cap your consumption at three cups a day)

**BM25:** hello kuljeet! i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quarter. also, i found out that you should cap your consumption at three cups a day. i sometimes drink even 5, but what can i do? i can't resist to a good gourmet coffee. hope it wa (I drink 3 to 4 cups of coffee a day and i'm perfectly fine) (drinking two to three cups a day could reduce your risk of developing Parkinson) (you should cap your consumption at three cups a day)

**MMR:** hello kuljeet! i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quarter. also, i found out that you should cap your consumption at three cups a day. i sometimes drink even 5, but what can i do? i can't resist to a good gourmet coffee. hope it wa (I drink 3 to 4 cups of coffee a day and i'm perfectly fine) (drinking two to three cups a day could reduce your risk of developing Parkinson) (you should cap your consumption at three cups a day)

**Best:** hello kuljeet! i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quarter. also, i found out that you should cap your consumption at three cups a day. i sometimes drink even 5, but what can i do? i can't resist to a good gourmet coffee. hope it wa (I drink 3 to 4 cups of coffee a day and i'm perfectly fine) (drinking two to three cups a day could reduce your risk of developing Parkinson) (you should cap your consumption at three cups a day)

QUESTION No.37 what foods will help to increase immunity level? doctor has warned me that my immunity level is low and prescribed me a lot of tablets grrr i really dislike taking pills...is there any natural way to increase my immunity pakoras in advance for answering;)

**Random:** chicken noodles and vegetable soup. mushrooms are an aid to your immune system - 90% of your immune system is your digestive tract - so foods that help digestion may strengthen your immune system - i know that ginger, pineapple, papaya,and peppermint are good for your digestion. so is chamomile but it is also sort of a sedative used best before bedtime. if you get a book on herbal remedies or just (mushrooms are an aid to your immune system) (foods that help digestion may strengthen your immune system)

**BM25:** it would be very interesting if you could list the pills the doctor has prescribed to you. if your immunity is so seriously compromised, would now be the time to ignore the laws of physics? to me, it's deeply offensive and immoral to recommend that any sick or injured person should reject medical help. red meat, nuts and carbs from green veg 70% of your immune system is in your gut ... via the g (it's deeply offensive and immoral to recommend that any sick or injured person should reject medical help) (rest)

**MMR:** it would be very interesting if you could list the pills the doctor has prescribed to you. if your immunity is so seriously compromised, would now be the time to ignore the laws of physics? to me, it's deeply offensive and immoral to recommend that any sick or injured person should reject medical help. green vegetables and fruits rich in vitamin c carrots oranges, apples, almonds, garlic, salmon (Green vegetables) (it's deeply offensive and immoral to recommend that any sick or injured person should reject medical help) (rest)

**Best:** mojojojo, your picture tells me you are one with the land, and all things natural. but take off the lab coat and try eating fresh fruits, and veggies. drink plenty of water, and know that many indian herbs and spice have numerous benefits for the body. exercise, proper rest, and things like yoga are also very excellent for strengthening the immune system. hope this helps you. raw fruits and veg (try eating fresh fruits) (many Indian herbs and spice have numerous benefits for the body) (Drink plenty of water) (Exercise) (proper rest)

**Sentence Summary ()**

Question 1. i would like to lose 50 lbs in 3 months? how can i do this can someone tell me things to do at the gym and of any diets that work or the foods to eat. i would like to look good by my birthday. i'm 6' and weigh 230 50 lbs less is average i think

**Random:** avoid white bread/pasta/rice and swap with wholemeal bread/pasta and brown rice. gym routine for toning up & weight loss working out at the gym can improve your fitness level, develop muscle tone an. (Avoid white bread/pasta/rice)

**BM25:** you can eat how much you care for and still lose weight! good book to read on this subject, check this out, you will love this lifestyle: http://tinyurl.com/no6kpuc good luck! gymnastic is a lot of f

**MMR:** you can eat how much you care for and still lose weight! don't ever listen to what people say i did. good luck :) weight train heavy. push yourself hard. it is called high carb raw vegan! it rocks! Be. (Weight train heavy)

**Best:** meat, nuts, vegetables (minus root vegetables) and eggs and fish good. combine cardio (running, walking, aerobix, swimming, cycling) with yoga/pilates and or strength (weight lifting) for optimum resu. (Meat, nuts, vegetables) (strength )

Question 6. is it healthy to drink 2 cups of coffee daily? i have been taking 2 cups a day. 1 in the morning and other at night.

**Random:** hope it was helpful. i drink 6 cups a day & i'm fine, those who say it's unhealthy,ask for proof,has anyone's heath been destroyed by coffee before,i can't find any serious records like smoker's or. (i drink 6 cups a day & i'm fine)

**BM25:** i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quar (I drink 3 to 4 cups of coffee a day and i'm perfectly fine)(drinking two to three cups a day could reduce your risk of developing Parkinson)

**MMR:** i drink 3 to 4 cups of coffee a day and i'm perfectly fine. duh its not healthy, but safe hello kuljeet! . . . hawty hawt. . hope it was helpful. caffiene is actually pretty good for your skin actuall (I drink 3 to 4 cups of coffee a day and i'm perfectly fine) (Its not healthy, but safe)

**Best:** i am agree to karthik...its even healthy but it is safe,,,but some coffee has a good benefits,... goodluck!im not coffee drinkers,but i love its smell,i have friends who is addicted to coffee,but she. (coffee has a good benefits) (i love its smell)

Question 36. my mom will be under going aggressive chemotherapy, is it safe for her to be around my unvaccinated children?

**Random:** i suggest that you go in and tell him that you have a 19th century mindset when in comes to your children and are relying on herd immunity to keep your kids safe from diseases that should have been el

**BM25:** it is not safe for other children to be around your kids right now, and it is not safe for your kids to be around other people. do you not read the news? there have been several recent outbreaks of pr (It is not safe for other children to be around your kids right now)

**MMR:** it is not safe for other children to be around your kids right now, and it is not safe for your kids to be around other people. no!!! and yes, april, these are definitely still used. your mother would (NO) (It is not safe for other children to be around your kids right now)

**Best:** your mother would do well to stay away from your children in case she catches anything from them that would interfere with her treatment. your home is not one of them. no!!! you need to inform yoursel (Your mother would do well to stay away from your children ) (Your home is not one of them)

**Sentence Summary ()**

Question 1. i would like to lose 50 lbs in 3 months? how can i do this can someone tell me things to do at the gym and of any diets that work or the foods to eat. i would like to look good by my birthday. i'm 6' and weigh 230 50 lbs less is average i think

**Random:** avoid white bread/pasta/rice and swap with wholemeal bread/pasta and brown rice. gym routine for toning up & weight loss working out at the gym can improve your fitness level, develop muscle tone and help you lose weight if follow a plan. get a book like "starting strength" or something like that to learn proper technique and form. everything else bad. be natural and just eat healthy food. There (Avoid white bread/pasta/rice) (Be natural and just eat healthy food)

**BM25:** you can eat how much you care for and still lose weight! good book to read on this subject, check this out, you will love this lifestyle: http://tinyurl.com/no6kpuc good luck! gymnastic is a lot of fun. stop eating sweets noot only for diet, also for teeth. don't starve yourself. don't make yourself hungry. your blood pressure will get low. which you will crave for sweets. if you get hungry eat r(stop eating sweets noot only for diet, also for teeth)(Don't make yourself hungry)

**MMR:** you can eat how much you care for and still lose weight! don't ever listen to what people say i did. good luck :) weight train heavy. push yourself hard. and like the other person said. cut out carbs. works. have done it many times. just takes discipline. everything else bad. add 1 or 2 pieces of fruit per day at most immediately following wkout. it rocks! exercise daily. there is a need for such(Weight train heavy)

**Best:** meat, nuts, vegetables (minus root vegetables) and eggs and fish good. combine cardio (running, walking, aerobix, swimming, cycling) with yoga/pilates and or strength (weight lifting) for optimum results. don't be desperate like this! be natural and just eat healthy food. avoid white bread/pasta/rice and swap with wholemeal bread/pasta and brown rice. don't make yourself hungry. don't ever listen(Meat, nuts, vegetables) (Avoid white bread/pasta/rice)(Be natural and just eat healthy food)(Don't make yourself hungry)(strength )(Don't be desperate like this)

Question 6. is it healthy to drink 2 cups of coffee daily? i have been taking 2 cups a day. 1 in the morning and other at night.

**Random:** hope it was helpful. i drink 6 cups a day & i'm fine, those who say it's unhealthy,ask for proof,has anyone's heath been destroyed by coffee before,i can't find any serious records like smoker's or alcoholic's,humans just say blah blah blah & they expect me to believe in them,,lol grr its simply non healthy for me cause it boils my blood. yes, but try not to have coffee before your sleep time.(i drink 6 cups a day & i'm fine)(non healthy for me cause it boils my blood)(Yes, but try not to have coffee before your sleep time)

**BM25:** i drink 3 to 4 cups of coffee a day and i'm perfectly fine. i did some research for you and i found out that drinking two to three cups a day could reduce your risk of developing parkinson’s by a quarter. also, i found out that you should cap your consumption at three cups a day. i sometimes drink even 5, but what can i do? i can't resist to a good gourmet coffee. hope it was helpful. well, really (I drink 3 to 4 cups of coffee a day and i'm perfectly fine)(drinking two to three cups a day could reduce your risk of developing Parkinson)(you should cap your consumption at three cups a day)

**MMR:** i drink 3 to 4 cups of coffee a day and i'm perfectly fine. duh its not healthy, but safe hello kuljeet! . . . hawty hawt. . hope it was helpful. caffiene is actually pretty good for your skin actually, soooo well, really, if you think about it, this is based on opinion. no...i don't think coffee or tea is gud for our health.................:) also called the caveman diet or the stone age diet, it (I drink 3 to 4 cups of coffee a day and i'm perfectly fine)(actually pretty good for your skin actually)(I don't think Coffee or tea is gud for our health)

**Best:** i am agree to karthik...its even healthy but it is safe,,,but some coffee has a good benefits,... goodluck!im not coffee drinkers,but i love its smell,i have friends who is addicted to coffee,but she really looks fine... i drink 6 cups a day & i'm fine, those who say it's unhealthy,ask for proof,has anyone's heath been destroyed by coffee before,i can't find any serious records like smoker's or al(i drink 6 cups a day & i'm fine)(coffee has a good benefits)(i love its smell)

Question 36. my mom will be under going aggressive chemotherapy, is it safe for her to be around my unvaccinated children?

**Random**: i suggest that you go in and tell him that you have a 19th century mindset when in comes to your children and are relying on herd immunity to keep your kids safe from diseases that should have been eliminated decades ago. the children can shed the virus and infect an individual with a compromised immune system. like a responsible parent. like a responsible parent. while i am a stern proponent of v(The children can shed the virus and infect an individual with a compromised immune system)

**BM25**: it is not safe for other children to be around your kids right now, and it is not safe for your kids to be around other people. do you not read the news? there have been several recent outbreaks of previously controlled diseases, caused in large part by parents who make the stupid and unscientific decision not to vaccinate their kids. now, as for your mom, perhaps. this is a question for her docto(It is not safe for other children to be around your kids right now)

**MMR**: it is not safe for other children to be around your kids right now, and it is not safe for your kids to be around other people. no!!! scott eh! . lets take this one step at a time. or you could get them vaccinated. and yes, april, these are definitely still used. http://www.eggoflife.com/stemcellhelp all the very best … and let me know the results. you need to inform yourself of your mother's sit(NO)(It is not safe for other children to be around your kids right now)

**Best:** your mother would do well to stay away from your children in case she catches anything from them that would interfere with her treatment. it is not safe for other children to be around your kids right now, and it is not safe for your kids to be around other people. just because a person is unvaccinated, doesn't mean they're carriers of a disease. this is a question for her doctor. no!!! you need t(Your mother would do well to stay away from your children )(It is not safe for other children to be around your kids right now)(This is a question for her doctor)(Just because a person is unvaccinated, doesn't mean they're carriers of a disease)