Case Study #2 – Low fat diet

Comparing two high-ranking pages, with two low-ranking ones.



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Case Study #2 – Low fat diet

For this case study, I took the search phrase "low fat diet" and searched Google. I picked two pages that ranked in the top 10 for this phrase, and two that ranked in the 500s.

The idea was to compare the two high-ranking articles to the two low-ranking articles, and look for evidence of themeing in the high-ranking pages. To carry out this analysis, I used the Article Editor contained in my "Creating Fat Content Course".

For any kind of analysis like this, you need a list of theme words. These are the words that the search engines (using Latent Semantic Indexing) might expect to find on a page that is well written on the topic.

To find these theme words, I went off to Wordtracker, and created a list of the words most commonly associated with the search phrase "low fat diet". My Creating Fat Content Course shows you how to do this. It's simple, and takes a few minutes.

Here is the list I ended up with:

absorb allowance blood body calorie carb carbohydrate cereal cholesterol	dietary disease egg fat foods fruit fry healthy high	lower meal meat menu nutrients percentage recipe recommended safe
5	5	
cholesterol	high	safe
cookies	how	sodium
dairy	lose	vegetarian
diet	low	weight

Now this list is quite comprehensive, and no single article can be expected to use all of these on the page. However, a number of these phrases will be found on well-written pages about a low fat diet, so let's see how the articles did.

Let's start by looking at the two poorly ranked pages.

Poor Ranking Low Fat Diet Page #1

Here is the keyword map of the content on the page of the first poor ranking page:

low-fat diet lowers ovarian cancer risk posted : wed, 10 oct 2007 17:10:48 gmt author : health news editor category : health news alerts by email click here) create your own rss health news | home bethesda, md., oct. 10 u.s. researchers said healthy postmenopausal women may lower the risk of ovarian cancer by decreasing dietary fat, the results of the women's health initiative dietary modification trial, published in the journal of the national cancer institute, found that after four years, women who decreased dietary fat were 40 percent less likely to develop ovarian cancer than women who followed "normal dietary patterns." the whi dietary modification clinical trial followed 48,835 healthy, postmenopausal women for an average of 8.1 years to test whether a low-fat diet would reduce the risk of cancer and cardiovascular disease. nearly 20,000 women in the intervention group were counseled to decrease fat intake to 20 percent of calories and to replace calories from fat with calories from vegetables, fruits and grains, the control group -- nearly 30,000 women -- received diet-related education materials only, researchers found that women who started with the highest fat intake and who reduced their fat intake the most during the study lowered their risk of ovarian cancer the most. in addition, although no effect on rates of endometrial cancer were found, the results suggested a small reduction in overall risk of cancer among the women who ate less fat but this finding wasn't statistically significant. copyright 2007 by upi » print this article » email this article (click here) » share this article on have your say name email subject your comment enter verification code related articles genetic mutation may cause ovarian cancer | 26 sep 2007 more health news click here

Very few theme words throughout a rather short article. A quick look at this seems to suggest it is the same few theme words used throughout. We can confirm this by looking at the theme report for this page:

Article Theme Summary:

Article Words: 293 Total Theme Words: 40 Different Theme Words: 9 Themed 13.7 % (1 theme word every 7.3 article words)

Percentage of Theme Words Used = 25.7

Quality Theme Score (max 100%): 24.3%

Out of all of our identified theme words, only 9 were used, so despite 1 theme word every 7.3 article words, the range of theme words was extremely limited (using just over 25% of theme words identified). The Quality Theme Score of 27% suggests this is a poor match for the search phrase "low fat diet".

Let's look at the second poor ranking page as this one is interesting.

Poor Ranking Low Fat Diet Page #2

Here is the keyword map:

low fat diet plan low fat diet plan - guide to low fat diet, good fats, low calorie, low cholesterol healthy eating lifestyle ------low fat diet plan low fat diet low fat diet recipe low fat diet recipes collection bmi and body fat low fat low calorie food calorie counter low fat food label fast food calorie count ----------- low fat diet plan in a culture where fast food, ready-made meals and processed food are popular, people feel daunted by the prospect of a low fat diet plan. low fat diet plan has often been associated with the stigma that reducing fat reduces flavor, is less appetizing and less appealing, this is due to the fact that the palate has become so used to rich sauces and processed food with additives and flavor enhancers. the great news is that there is no need to compromise on the choice of food we eat, thanks to the increasing number of low fat food and fat free diet recipes and products now available. healthy low fat diet doesn't mean that you are condemned to a life of eating mung beans, brown rice and cottage cheese, nor does it have to mean saying goodbye to all your favorite foods. think of it as a whole new way of a healthy eating lifestyle. small changes in the food we choose to eat and the way we prepare and cook them can make a big difference and can be a positive step towards better health, weight loss and weight control, the aim of a healthy low fat diet plan is to keep the fat content low in the foods that we eat. lowering the amount of saturated fat and trans fat that we consume is very important, but this does not mean that it is good to consume lots of other types of fat. low fat diet plan aim is to limit daily fat intake to no more than 30 per cent of total calories. in real terms, this means that for an average daily intake of 2,000 calories, 30 per cent of energy would come to 600 calories. since each gram of fat provides 9 calories, the total daily intake should be no more than 66.6 g fat. of this amount, no more than 10 per cent (that is 6.6 g) should consist of saturated fat. low fat diet plan <<< home low fat diet recipe - low fat diet recipes collection ------ low fat diet plan caution : low fat diet is not recommended for children below age of five copyright © 2003 -2006 low fat diet recipe .com. all rights reserved contact webmaster diet plans : south beach diet | low cholesterol diet | diabetes diet

The keywords are certainly spread throughout the document, but do you notice that there are groups of several theme word in a row? I can quickly spot "low fat diet" used several times throughout this document. That is a sign of keyword spamming, so I would expect to see a high themed percentage for this article, but a low number of theme words used.

Let's have a look at the theme report:

Article Theme Summary:

Article Words: 455 Total Theme Words: 115 Different Theme Words: 12 Themed 25.3 % (1 theme word every 4 article words)

Percentage of Theme Words Used = 34.3

Quality Theme Score (max 100%): 5.7%

As expected the Themed percentage is very high – a whopping 25.3% meaning 1 theme word every 4 words on the page. That is a sure sign of spamming.

Only 12 of the original theme words are used within the 455 words on this page, which represents a low 34% of the total theme words identified.

This article smacks of keyword spamming, and the article software has penalised it for such, giving it a Quality theme score of just 5.7%. Google obviously thought similarly when it ranked this page.

OK, so what about the top ranking pages for the term "low fat diet"?

Top Ranking Low Fat Diet Page #1

Let's get straight on and look at the keyword map as a picture can tell a thousand words. I have had to shrink it in size to fit this page:

low fat diet purpose for a regular healthy diet, it is recommended that of the total calories eaten, no more than 30% should come from fat. however, certain diseases and medical conditions can make it difficult for the **body** to tolerate even that much **fat**, so a **low-fat diet** may help people with these conditions. gallbladder disease: bile secreted from the gallbladder helps the body break down and absorb fats, when gallstones or gallbladder diseases are present, a low-fat diet is often used to prevent complications. delayed stomach emptying (gastroparesis) is a condition in which the stomach empties food into the intestine too slowly. this can cause bloating, nausea, and even vomiting. normally, fat in foods delays stomach emptying, so fats make gastroparesis worse. diarrhea can be caused by many conditions. when it occurs, it can be aggravated by eating fatty foods. malabsorption of nutrients: absorption is the transfer of nutrients into the **blood**stream from the intestine, in some diseases of the pancreas and small intestine, patients have trouble absorbing nutrients from the diet, including fat. a low-fat diet may help to control symptoms until the cause of malabsorption can be diagnosed. fatty liver: for a number of reasons, fat may accumulate in the liver. fat is not normally stored in the liver, and in some cases this can cause damage to the liver. a low fat diet and weight reduction may be helpful, nutrition facts in most cases, this diet provides all the nutrients required by the national research council's recommended dietary allowances (rda). in some cases, however, the physician may prescribe supplements. women of childbearing age and those people with malabsorption may need to take certain vitamin and/or mineral supplements, special considerations be careful how foods are prepared, trim all visible fat from meats, bake, steam, or broil meats and fish instead of frying, toppings for potatoes and pastas should contain no fat above the three allowed daily servings, this low-fat diet should be used until the underlying medical condition is controlled or corrected. the physician will give any individual instructions, and tell you when you no longer need to use the low-fat diet. food groups group recommend avoid milk & milk products (2 or more cups daily) skim milk, evaporated skim milk, skim buttermilk, nonfat sour cream, yogurt made with skim milk (3 gms fat or less/oz, maximum of 3 oz/day), fat-free cheeses, low-fat cottage cheese, part skim mozzarella cheese, part skim or skim ricotta cheese whole milk, cream, sour cream, non-dairy creamer, whole milk cheese, cheese spreads bread & grains (4 or more servings daily) whole grain and enriched breads, cold cereal, whole grain cereals (except granola), saltines, soda crackers, low-fat snack crackers, rice cakes, unbuttered popcorn, low-fat muffins, plain pasta, barley, oatmeal, home-made pancakes without fat, french toast made with egg substitute and skim milk breads containing egg, cheese, or made with fat; biscuits; sweet rolls; pancakes; french toast; doughnuts; waffles; fritters; muffins; granola-type cereals; snack crackers; potato chips; packaged stuffing; fried rice; chow mein noodles vegetables (3 or more servings daily) all vegetables (steamed, raw, boiled, or baked without added fat) fried vegetables or those in cream, cheese, butter sauces, dips fruits (2 or more servings daily) all other fruits avocado meat or meat substitutes (5 to 6 oz daily) poultry (without skin); veal; lean beef trimmed of fat (usda good or choice cuts of round, sirloin, flank, and tenderloin); fresh, canned, cured, or boiled ham; canadian bacon; lean pork (tenderloin, chops, cutlet); fish (fresh, frozen, canned in water); eggs (boiled, scrambled without added fat); luncheon meat at least 95% fat free any fried, fatty, or heavily marbled meat, fish, or poultry; beef (usda prime cuts, ribs, ground beef, corned beef); pork (spareribs, ham hocks); fish (canned in oil); eggs (fried in butter, oil, or margarine); luncheon meat less than 95% fat free beverages (4 to 6 cups or more daily) decaffeinated or regular coffee or tea, cocoa made with skim milk, fruit juices, soft drinks, water beverages made with high fat dairy products soups fat-free broths, consommés, bouillon; soups made with fat-free broth, skim milk, evaporated skim milk cream soups, soups with added oils or meat fats, soups made from stocks containing meat fat fats & oils (3 servings daily, each listed is one serving) avocado 2 tbsp or 1/8 medium, margarine 1 tsp, diet margarine 2 tsp, salad dressing 1 tbsp, diet salad dressing 2 tbsp, vegetable oils 1 tsp, nuts (raw or dry roasted): almonds 6, peanuts 20 small or 10 large, whole walnuts 2, whole pistachios 18, sesame seeds 1 tbsp, sunflower seeds 1 tbsp, saturated fats: bacon 1 strip, butter 1 tsp, dried coconut 2 tbsp, cream cheese 1 tbsp, sour cream 2 tbsp, other fats: olive oil 1 tsp, peanut oil 1 tsp, large olives 10, peanut butter 2 tsp any fat in excess sweets & desserts (servings depend on caloric needs) sherbet made with skim milk, non-fat frozen yogurt, fruit ice, gelatin, angel food cake, vanilla wafers, ginger snaps, graham crackers, meringues, puddings made with skim milk, tapioca, fat-free cakes and cookies, fruit whips made with gelatin or egg whites, hard candy, jelly beans, jelly, jams, marmalades, maple syrup ice cream, pastries, cakes, cookies, pies, doughnuts, pudding made with whole milk, cream puffs, turnovers, chocolate sample menu breakfast hunch dinner grapefruit 1/2 dry cereal 3/4 cup banana 1/2 whole wheat toast 2 slices margarine 2 tsp jelly or jam 1 tbsp skim milk 1 cup coffee 3/4 cup fat free vegetable soup 1 cup lean hamburger 2 oz mozzarella cheese made with skim milk 1 oz hamburger bun sliced tomato lettuce fresh fruit salad 1/2 cup angel food cake 1 slice skim milk 1 cup coffee 3/4 cup tomato juice 1/2 cup broiled chicken breast without skin 3 oz herbed rice 1/2 cup broccoli 1/2 cup with low fat cheese sauce 1/4 cup hard dinner roll margarine 1 tsp carrot/raisin salad 1/2 cup low fat frozen strawberry yogurt 1/2 cup skim milk 1 cup this sample diet provides the following calories 2060 fat 50 gm protein 110 gm sodium 4000 mg carbohydrates 299 gm potassium 4245 mg related diseases gallstones | crohn's disease | ulcerative colitis related diet s clear liquid related procedures upper gi endoscopy (egd) | colonoscopy | ercp ------- this material does not cover all information and is not intended as a subsitute for professional care. please consult with your physician on any matters regarding your health. © copyright chek med systems®, inc., all rights reserved.

Clearly this article is well themed throughout, with theme words appearing consistently throughout the article.

We'll get a better idea of how well it has used the variety of theme words by looking at the theme report:

Article Theme Summary:

Article Words: 1081

Total Theme Words: 147

Different Theme Words: 29

Themed 13.6 % (1 theme word every 7.4 article words)

Percentage of Theme Words Used = 82.9

Quality Theme Score (max 100%): 100%

With 1081 words on the page, this is a long article, and we would therefore expect to see a high percentage of our initial theme word list appear on this page. We are not disappointed, with nearly 83% of our list appearing on this page.

29 different theme words are found 147 times within the body of this article, with one theme word appearing every 7.4 article words. That is actually bordering on the spammy, but obviously the article writing software found this to be insignificant in comparison to the articles merits, awarding it a quality theme score of 100%

There is no wonder why this page ranks so well.

Let's look at the second of out top 10 pages.

Top Ranking Low Fat Diet Page #1

Here is the keyword map (again, it's reduced in size to fit on the page:

a low fat dief read the whole section from beginning to end, or follow these links to specific questions that sounds pretty complicated. how much fat can i eat? what foods are high in fat? what are some foods that ne low in fat and better to ear? some specifics of **how** to do it? what about them is go ut to ear? what about margarine? it wheard it might be bad. if it's not difficult enough to convince someone that they have a discasse when their cholestered is bight, the next part is no casis: they need to follow that most un-marcina of programs - **a** dist. It's host difficult enough to convince someone that they have a there, it is keep an open mido because it is just not than but there are really all of dways to still enjoy **meal** time. It will take a little time to learn, so let's get started. In set starts, you wall use here is one designed to make the biggest differences for most people. Some patients will need to a case the case of the set starts of all or the set of the dist of all enjoy **meal** time. If set set started, the start gave well use there is one designed to make the biggest differences for most people. Some patients will need to obe give up your favorite foods make a mark event were to come allow the make a mark end of the set of list of the dist or distributions of a list be that so an end their distribution food sread some albeds makes one well there are really allow up our favorite foods make a mark end grader were modest changes in intike have the potential to make a big difference is a patient health outlook, even patients on medications for cholesterol need to follow at mark on the difference is a patient health outlook, even patients on medications for cholesterol need to follow at wer were taking about diff and choolesterol is a fast. particularly saturated fats, in addition to bidesterol to the levels of total fast. Distributions for cholesterol med to follow of a mark on the difference is a patient health of the elevels of total fast particularly saturated fats, in additio butter -- lard -- palm oil, coconut oil -use (these contain about 20% saturated fat) -- olive oil -- use a butter -- lard --pain od, cocontt ol use (these contain about 20% saturated fai) --olive oil --use a vegetable oil sprav to brown or satur food.--condo, satilower, resunt, and corn oil -read the labels follow the links). unfortunately, you really have to pay attenion to some foods that say "healthy' or on choiseterof. they may still contain large amounts of fat and saturated fait make some reasonable substitutions use prudence when dimig out keep on trying !! what about when ig o out to eat? many patients have found themselves very capable of eating properly at home but quickly fail into old habits when it's time to cat out. during the past 10 years or so, **bow**'ever, restaurants have become more aware that many of their patrons are on restricted **lifes**, there is absolutely no reason to feel uncomfortable about ordering a baked potato and a stald in a fine restrumant. Infact, you can and should, make special requests for foods that are more appropriate to your needs. Keep the following tips in mind when you order a **meal**: entrees covered with sauces, as well as creamy dressing this? Courses should be avoided because they are usually rich in fait unfortunately, most desserts in good restaurants are terroly **bigh** is naturated faits. ask for a dish of firsh **fruit** instead or, as a treat, share a single 'sinfu' desset with others. avoid fired **foods** a courdough, whole-wheat, rye and firch, breads are **fore** ris subarted **faits** thus biccuits, while bread, and dimmer roles. salads are available almost everywhere. order salads with reduced-**caloris** sland dressing labeled 'heart-**kealthy**' on the **mean** don't be afrait to ask **hor** a dish site prepared. Josh schult be read, and dimmer somes there), ask to have sauces and gravies omitted, or 'on the side'. look for items labeled 'heart-**kealthy**' on the **mean** don't be afrait to ask **hor** a dish site prepared. Jubititue **for fort** if **h**. vegetable oil spray to brown or saute food. --canola, saff<mark>low</mark>er, sunf<mark>low</mark>er, peanut, and corn oil. read the labeled "heart-healthy" on the mean don't be afraid to ask how a dish is prepared, substitute flow. Fal choices (steamed vegetables for creamed sauces, baked potatoes for french fries, etc.), avoid items described vith terms like battered, creamed, an grain, scalaped, breaded, good terms include an jus, poached, steamed, baked, etc. pizze, choose thin-crust, avoid mean toppings and get small amounts of cheese, pastars good choices if accompanied by red marinars assuce or simple vegetables, avoid cream or mean sauces. sandwiches: choose lan and not processed mean, get status and and hold the mayo, what about margarine? I've heard it might be bad, another one of those thorny questions, margarine is created when figuid oils are partially "hydrogenated", converting some of the unsatureted **carlio** nonlocules to saturated. Itsis gives a better taste, and makes the margarine solid at room temperature, even though it has some of these saturated **fast**, it does not contain nearly as much as butter, and has been considered a better alternative. **however**, a class of **fast** called "trans-**fat**ty acids" are created which are suspected of reducing had **cholesterol** and raising lid **cholesterol**, as well as other negative things, a study of mirses who used margarine and similar **foods** containing the trans-**fat**ty acids actually **shore**(an increase in mortality, what's the right answer? it's still out, for what if's worth, i use small amounts of butter. Coopy:1997 heartpoint updated september 1997 there's really a lot more if you'r still interested in discovering it -mikes to **cholesterol** section | **cholesterol** gallery | **cholesterol** main page | the big points | the facts | treatment | **tow fat diet** | new food label | food pyramid | advanced **cholesterol** |

Clearly this is another article that is well themed throughout. But how well does it use the range of theme words?

Here is the theme report:

Article Theme Summary:	
I	
I	Article Words: 1954
Total Theme Words: 254	
	Different Theme Words: 24
ŀ	Themed 13 % (1 theme word every 7.7 article words)
	Demontance of Thoma Words Used - C0 C
	Percentage of Theme Words Used = 68.6
	Quality Theme Score (max 100%): 77%

Well, this page uses nearly 70% of our theme words within the 1954 words on the page. Those 24 theme words are used 254 times on the page, with 1 theme word appearing every 7.7 article words. Again, this is bordering on spamming, but this article wins in nearly every other aspect, so achieves a Quality theme score of 77%.

The software used in this report to analyze the content is called the "Fat Content Creator", and is part of the "<u>Creating Fat Content</u> <u>Course</u>".

This report was created by Dr. Andy Williams, author of the "<u>Creating Fat</u> <u>Content Course</u>", and the free weekly <u>ezSEO Newsletter</u>.