



yummy

Health

Yan Wang



- Like delicious food
- Like cooking

VS

- Take off pounds
- Estimate calorie intake





Recipe

Input your recipe name

Nutrition

Output calorie content

More Info

Input your ingredient

Amount

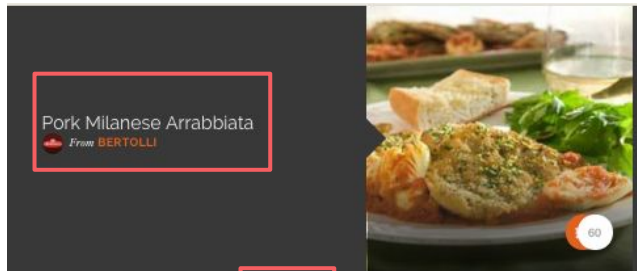
Unit

Input your ingredient

Amount

Unit





Ingredients
10
Count

Nutrition
Calories

Total Time
30
Minutes

Rating

Review it now!

Ingredients

- 1 lb. pork tenderloin, cut into 1-inch slices and pounded thin
- 1 cup Italian seasoned dry bread crumbs
- 2 Tbsp. finely chopped fresh parsley, divided
- 2 Tbsp. grated Parmesan cheese
- 1/4 cup all-purpose flour
- 1 tsp. grated lemon peel
- 1 jar Bertolli® Arrabbiata Sauce
- 2 eggs, slightly beaten
- 4 Tbsp. Bertolli® Classico™ Olive Oil, divided
- 1 jar (14 oz.) artichoke hearts, drained and halved

1 SERVINGS

(MySQL 5.7.10) yummy/yummy_database/recipes

Select Database Structure Content Relations Triggers Table Info Query

Search: id = Q Search Filter

id	page_id	name	image	source_id	user_id	yums	total_time	rating	calories	calories_from_fat
1	Easy-Chicken-Broccoli-Stir...	Easy Chicken Broccoli Stir Fry	https://lh3.googleusercontent...	1	1	1760	17	4.5	480	220
2	Teriyaki-Chicken-Stir-Fry...	Teriyaki Chicken Stir Fry	http://lh3.ggpht.com/ym3...	2	4	140	45	NULL	560	110
3	Teriyaki-Chicken-Stir-Fry...	Teriyaki Chicken Stir Fry	http://lh3.googleusercontent...	3	NULL	296	40	NULL	320	60
4	Asian-stir-fry-303637	Asian Stir-fry	http://lh3.ggpht.com/qeKf...	4	NULL	2515	20	NULL	NULL	NULL
5	Vegetable-Stir-Fry-1402657	Vegetable Stir-Fry	https://lh3.googleusercontent...	5	NULL	72	23	NULL	NULL	NULL
6	Vegetable-Stir-fry-681033	Vegetable Stir-fry	http://lh5.ggpht.com/Pow...	6	5	39	30	NULL	190	70
7	Spicy-Chicken-Stir-fry-68...	Spicy Chicken Stir-fry	http://lh5.ggpht.com/Qah...	7	6	480	45	NULL	300	130
8	Chicken-...-Green-Beans-S...	Chicken & Green Beans Stir-fry	http://lh4.ggpht.com/by8l...	8	7	194	30	NULL	380	190
9	Easy-Chicken-Stir-Fry-50...	Easy Chicken Stir-Fry	https://lh3.googleusercontent...	9	8	256	30	NULL	450	120
10	Chinese-Pepper-Steak-Sl...	Chinese Pepper Steak Stir-Fr...	http://lh3.ggpht.com/uM...	10	9	13151	55	5	320	110
11	Beef-and-Pepper-Stir-fry...	Beef and Pepper Stir-fry	http://lh3.googleusercontent...	11	13	225	45	NULL	NULL	NULL
12	Spicy-Beef-Stir-Fry-with...	Spicy Beef Stir-Fry with Pepper	http://lh5.ggpht.com/Y1O...	12	14	424	25	NULL	180	50
13	Chinese-Stir-fry-Beef-Rec...	Chinese Stir-fry Beef Recipe ...	http://lh3.ggpht.com/Y-z...	13	15	502	22	NULL	190	150
14	Stir-Fried-Chicken-with-C...	Stir-Fried Chicken with Chine...	http://lh6.ggpht.com/bGp...	14	16	1627	50	NULL	420	240
15	Stir-Fried-Chinese-Chick...	Stir-Fried Chinese Chicken an...	http://lh5.ggpht.com/uPu...	15	NULL	383	20	NULL	310	190
16	Spicy-Chicken-Stir-fry-wi...	Spicy Chicken Stir-Fry with Pe...	http://lh4.ggpht.com/2Tjn...	15	17	189	15	NULL	120	45
17	Spicy-Chicken-Stir-fry-Ta...	Spicy Chicken Stir-Fry	http://lh6.ggpht.com/KK8...	16	NULL	210	30	NULL	500	310
18	Chicken-and-Broccoli-Stir...	Chicken and Broccoli Stir Fry	http://lh4.ggpht.com/xy8l...	17	18	13740	30	5	180	35
19	Chicken-and-Broccoli-Stir...	Chicken and Broccoli Stir Fry	https://lh3.googleusercontent...	18	20	408	30	NULL	180	35
20	Chicken-and-Broccoli-Stir...	Chicken and Broccoli Stir Fry	https://lh3.googleusercontent...	19	21	432	30	NULL	360	160
21	Chicken-and-Vegetables-Stir-Fry...	Chicken and Vegetables Stir-Fry	http://lh3.googleusercontent...	20	22	124	55	NULL	360	150
22	Healthy-Chicken-and-Veg...	Healthy Chicken and Vegetabl...	https://lh3.googleusercontent...	21	23	82	26	NULL	250	90
23	Stir-fry-Chicken-and-Veg...	Stir-fry Chicken and Vegetabl...	http://lh6.ggpht.com/-YO...	22	NULL	238	35	NULL	170	35
24	Honey-Chicken-Stir-fry-T...	Honey Chicken Stir-Fry	http://lh3.ggpht.com/C48...	16	NULL	8308	30	NULL	220	60

TABLE INFORMATION

- created: 1/14/16
- updated: 1/15/16
- engine: InnoDB
- rows: 714
- size: 208.0 KIB
- encoding: utf8
- auto_increment: 715

714 rows in table; 1 row selected

(MySQL 5.7.10) yummy/yummy_database/recipe_ingredients

Select Database Structure Content Relations Triggers Table Info Query

Search: id = Q Search Filter

id	recipe_id	ingredient_id	amount	unit
1	1	1	1	1 tbsp
2	1	2	1	1
3	1	3	0.5	tbsp
4	1	4	91	grams
5	1	5	227	grams
6	1	6	0.75	tbsp
7	1	7	0.75	tbsp
8	1	8	0.25	tsp
9	1	9	29.5	ml
10	1	10	0.25	tbsp
11	1	11	0.5	tsp
12	1	12	0.5	tsp
13	8	13	113.5	grams
14	8	14	113.5	grams
15	8	15	0.25	tbsp
16	8	12	0.25	tbsp
17	8	16	29.5	ml
18	8	7	0.5	tbsp
19	8	6	0.25	tbsp
20	8	17	0.25	tbsp
21	8	18	0.125	tsp
22	8	19	0.5	clove
23	8	3	0.25	slice
24	8	20	0.5	stalk

TABLE INFORMATION

- created: 1/14/16
- updated: 1/15/16
- engine: InnoDB
- rows: 1,669
- size: 112.0 KIB
- encoding: utf8
- auto_increment: 1,670

Rows 1 - 1,000 of 1,669 from table

- Data Cleaning
 - Natural Language Processing: deletion of redundant recipes and ingredients
- Feature Extraction
 - Natural Language Processing: keyword from recipe name and ingredients (amount, unit, name)
 - Clustering: feature vector
- Calorie Estimation
 - Regression (linear vs. SVM with different kernels)
 - Classification