

Bag of words with positive and negative list-

accuracy is : 0.84

The best dish of Black Sheep is french toast

The best dish of Lemon Tree Restaurant is french toast

The best dish of Backoos Korean ToGo Food is fried chicken

The best dish of Cha Baa Thai is fried chicken

The best dish of Efendy Turkish & Mediterranean Grill is fried chicken

The best dish of Primal Kitchen is fried chicken

The best dish of Habaneros Modern Taco Bar is burrito

The best dish of Le Bistro By Liz is burrito

The best dish of Your Father's Moustache is burrito

The best dish of Mashawee Mediterranean Grill is burrito

The best dish of Happy Veal Hot Pot is burrito

The best dish of Brenton Grill & Wine bar is kebab

The best dish of Indochine Banh Mi is pork

The best dish of La Frasca Cibi & Vini is pork

The best dish of Ko-Doraku is pork

The best dish of Suzuki Restaurant is sushi

The best dish of Turkish Delight is sushi

The best dish of A Taste of the East is sushi

The best dish of Manual Food and Drink Dairy Bar is sushi

The best dish of Krave Burger is sushi

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Random Forest Classifier with Character Trigrams as features:

Random forest mean accuracy : 0.83

Random forest std : 0.03

[[82 1]

[16 0]]

Precision score is : 0.84

Recall Score is : 0.99

F score is : 0.91

The best dish of Black Sheep is benny

The best dish of Lemon Tree Restaurant is benny

The best dish of Backoos Korean ToGo Food is fried chicken

The best dish of Cha Baa Thai is fried chicken

The best dish of Efendy Turkish & Mediterranean Grill is fried chicken

The best dish of Primal Kitchen is fried chicken

The best dish of Habaneros Modern Taco Bar is burrito

The best dish of Le Bistro By Liz is burrito
The best dish of Your Father's Moustache is burrito
The best dish of Mashawee Mediterranean Grill is burrito
The best dish of Happy Veal Hot Pot is burrito
The best dish of Brenton Grill & Wine bar is burrito
The best dish of Indochine Banh Mi is pork
The best dish of La Frasca Cibi & Vini is pork
The best dish of Ko-Doraku is pork
The best dish of Suzuki Restaurant is sushi
The best dish of Turkish Delight is sushi
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The best dish of Manual Food and Drink Dairy Bar is sushi
The best dish of Krave Burger is sushi
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Random Forest with Word Trigrams as features:

Random forest mean accuracy : 0.84
Random forest std : 0.01
Confusion Matrix:
[[86 0]
 [13 0]]
Precision score is : 0.87
Recall Score is : 1.00
F score is : 0.93
The best dish of Black Sheep is benny
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The best dish of Primal Kitchen is fried chicken
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Naive Bayes Classifier with Character Trigrams as features:-

Naive Bayes mean accuracy : 0.76
Naive Bayes std : 0.06
[[67 15]
[15 2]]
Precision score is : 0.82
Recall Score is : 0.82
F score is : 0.82
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The best dish of La Frasca Cibi & Vini is burrito
The best dish of Ko-Doraku is burrito
The best dish of Suzuki Restaurant is sushi
The best dish of Turkish Delight is sushi
The best dish of A Taste of the East is sushi
The best dish of Manual Food and Drink Dairy Bar is sushi
The best dish of Krave Burger is sushi
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Naive Bayes Classifier with Word Trigrams as features-

Naive Bayes mean accuracy : 0.82
Naive Bayes std : 0.03

Confusion Matrix:

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[[76 5]
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[18 0]]
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Precision score is : 0.81

Recall Score is : 0.94

F score is : 0.87

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