MODEL: Naive Bayes

The **precision** for this classifier is 0.598765432099

The **recall** for this classifier is 0.722222222222

The **f1** for this classifier is 0.636752136752

The **accuracy** for this classifier is 0.722222222222

Here is the classification report:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tags** | **Precision** | **Recall** | **F1-score** | **Support** |
| Completion of education | 1.00 | 1.00 | 1.00 | 4 |
| Death of family member | 0.00 | 0.00 | 0.00 | 1 |
| Engae | 0.00 | 0.00 | 0.00 | 1 |
| Engagement | 0.44 | 1.00 | 0.62 | 8 |
| Holiday | 0.00 | 0.00 | 0.00 | 1 |
| Marriage | 0.00 | 0.00 | 0.00 | 2 |
| Marriage/New baby | 0.00 | 0.00 | 0.00 | 1 |
| New Car | 1.00 | 1.00 | 1.00 | 4 |
| New Home | 1.00 | 1.00 | 1.00 | 3 |
| New Job | 1.00 | 1.00 | 1.00 | 4 |
| New Job/Promotion | 0.00 | 0.00 | 0.00 | 1 |
| New child | 0.00 | 0.00 | 0.00 | 2 |
| Promotion | 1.00 | 1.00 | 1.00 | 3 |
| Retirement | 0.00 | 0.00 | 0.00 | 1 |
|  |  |  |  |  |
| avg / total | 0.60 | 0.72 | 0.64 | 36 |