Sam Nosenzo

CS1571 – AI HW4: Programming

Naïve Bayes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Iteration | +SpamTrain | -SpamTrain | +SpamTest | -SpamTest |
| 1 | 1451 | 2230 | 362 | 558 |
| 2 | 1451 | 2230 | 362 | 558 |
| 3 | 1450 | 2231 | 363 | 557 |
| 4 | 1450 | 2231 | 363 | 557 |
| 5 | 1450 | 2230 | 363 | 558 |

|  |  |  |
| --- | --- | --- |
| Iteration | P(+SpamTrain) | P(+SpamTest) |
| 1 | .3942 | .3935 |
| 2 | .3942 | .3935 |
| 3 | .3939 | .3946 |
| 4 | .3939 | .3946 |
| 5 | .3940 | .3941 |