**Comparison between naïve baye’s and support vector machines:**

|  |  |  |
| --- | --- | --- |
| **PARAMETERS** | **NVM** | **SVM** |
| **Accuracy** | **93.3333** | **97.000** |
| **Precision-0**  **Precision-1**  **Precision-2** | **1.00**  **0.94**  **0.94** | **1.00**  **1.00**  **0.94** |
| **F-measure-0**  **F-measure-1**  **F-measure-2** | **1.00**  **0.94**  **0.94** | **1.00**  **0.97**  **0.97** |
| **Recall-0**  **Recall-1**  **Recall-2** | **1.00**  **0.94**  **0.94** | **1.00**  **0.94**  **1.00** |

**The accuracy of the svm is more than the accuracy of the nvm and svm also gives the exact results.Hence the svm is better model than the nvm in terms of the accuracy,precision,f-measure and recall.**