**Rumor Detection using Ensemble Learning**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **KNN** | **Random Forest** | **Passive Aggressive** | **Multinomial Naïve Bayes** | **Bagging Classifier** | **Stochastic Gradient Descent** | **Single Classifier Accuracy** | **Hard Voting Accuracy** | **Soft Voting Accuracy** |
| **90.18%** | **×** | **×** | **×** | **×** | **×** |  | **×** | **×** |
| **×** | **92.21%** | **×** | **×** | **×** | **×** |  | **×** | **×** |
| **×** | **×** | **95.48%** | **×** | **×** | **×** |  | **×** | **×** |
| **×** | **×** | **×** | **92.05%** | **×** | **×** |  | **×** | **×** |
| **×** | **×** | **×** | **×** | **89.56%** | **×** |  | **×** | **×** |
| **×** | **×** | **×** | **×** | **×** | **95.48%** |  | **×** | **×** |
| **√** | **√** | **√** | **×** | **×** | **×** | **×** | 95.17% | 93.77% |
| **√** | **√** | **√** | **√** | **×** | **×** | **×** | 94.08% | 94.00% |
| **√** | **√** | **√** | **√** | **√** | **×** | **×** | 94.69% | 95.56% |
| **√** | **√** | **√** | **√** | **√** | **√** | **×** | 95.09% | 96.02% |