Affair data:

Model Output:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | precision | recall | f1-score | support |
|  |  |  |  |  |
| 0 | 0.72 | 0.93 | 0.81 | 130 |
| 1 | 0.36 | 0.1 | 0.15 | 51 |

Accuracy is 70% and AUC is 0.7209

Bank data:

Model Output:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | precision | recall | f1-score | support |
|  |  |  |  |  |
| 0 | 0.92 | 0.98 | 0.95 | 11967 |
| 1 | 0.67 | 0.34 | 0.45 | 1597 |

Accuracy is 90.28% and AUC is 0.89

After Feature Selection:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | precision | recall | f1-score | support |
|  |  |  |  |  |
| 0 | 0.92 | 0.98 | 0.95 | 11967 |
| 1 | 0.68 | 0.34 | 0.45 | 1597 |

Accuracy is 90.34% and AUC is 0.891

Election data:

Model Output:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | precision | Recall | f1-score | support |
|  |  |  |  |  |
| 0 | 0.5 | 1 | 0.67 | 1 |
| 1 | 1 | 0.5 | 0.67 | 2 |

Accuracy is 67% and AUC is 1