**Test on the Sample Dataset (Provided by Siraj Raval Video)**

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| --- | --- |
| **Algorithm** | **Result** |
| DecisionTreeClassifier | Male |
| LogisticRegression | Female |
| LinearDiscriminantAnalysis with n\_components=2 | Female |
| QuadraticDiscriminantAnalysis | Male |
| KNeighborsClassifier with n\_neighbors=5 | Male |
| KNeighborsClassifier with n\_neighbors=1 | Male |
| GaussianNB | Male |

**Test on the Sample Dataset (Load Breast Cancer with Test/Train Model)**

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| --- | --- |
| **Algorithm** | **Result** |
| DecisionTreeClassifier | 89.36% |
| LogisticRegression | 95.75% |
| LinearDiscriminantAnalysis with n\_components=2 | 94.15% |
| QuadraticDiscriminantAnalysis | 96.28% |
| KNeighborsClassifier with n\_neighbors=5 | 95.21% |
| KNeighborsClassifier with n\_neighbors=1 | 93.09% |
| GaussianNB | 94.15% |