Jason Noble  
ANA680 Wk1 Classification Results

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| --- | --- | --- | --- | --- |
| Model | Accuracy | Confusion Matrix | | Comment |
| a. Logistic Regression | 0.9591 |  | |  |
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| b. KNN (k=5) | 0.9591 |  | |  |
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|  |  |  |  |  |
| c. Linear SVM | 0.9591 |  | |  |
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| d. Kernel SVM (RBF) | 0.9649 |  | |  |
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| e. Naive Bayes | 0.9708 |  | | Highest Accuracy |
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|  |  |  |  |  |
| f. Decision Tree | 0.357 |  | | Lowest Accuracy |
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|  |  |  |  |  |
| g. Random Forest (10) | 0.9708 |  | | Highest Accuracy |
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| h. XGBoost | 0.9649 |  | |  |
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