Log File for RNN

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Number of instances in dataset = 9752

Exp No	Parameters Chosen	Test Results
1	Neural Net: Number of hidden units = 15 Number of epochs = 50 Learning rate = 0.01 Train/Test Split = 75:25	Accuracy = 0.7034454470877769 Precision = 0.4199346405228758 Recall = 0.9753320683111955 F1 Score = 0.5870930896630497
2	Neural Net: Number of hidden units = 15 Number of epochs = 100 Learning rate = 0.01 Train/Test Split = 75:25	Accuracy = 0.9055455291222313 Precision = 0.8523131672597865 Recall = 0.9979166666666667 F1 Score = 0.9193857965451055
3	Neural Net: Number of hidden units = 25 Number of epochs = 100 Learning rate = 0.01 Train/Test Split = 75:25	Accuracy = 0.5484003281378179 Precision = 0.11211340206185567 Recall = 0.1743486973947896 F1 Score = 0.13647058823529412
4	Neural Net: Number of hidden units = 15 Number of epochs = 100 Learning rate = 0.01 Train/Test Split = 75:25	Test Accuracy = 0.7276456111566858 Precision = 0.4309012875536481 Recall = 0.9980119284294234 F1 Score = 0.6019184652278178
5	Neural Net: Number of hidden units = 15 Number of epochs = 100 Learning rate = 0.1 Train/Test Split = 75:25	Accuracy = 0.6919606234618539 Precision = 0.4045662100456621 Recall = 0.8173431734317343 F1 Score = 0.5412339645693341
6	Neural Net: Number of hidden units = 15 Number of epochs = 100 Learning rate = 0.15 Train/Test Split = 75:25	Accuracy = 0.8461853978671042 Precision = 0.5961538461538461 Recall = 0.7030927835051546 F1 Score = 0.6452223273415326
7	Neural Net: Number of hidden units = 15 Number of epochs = 200 Learning rate = 0.01 Train/Test Split = 75:25	Test Accuracy = 0.21041837571780148 Precision = 0.21041837571780148 Recall = 1.0 F1 Score = 0.34767875296509654
8	Neural Net: Number of hidden units = 10 Number of epochs = 100	Test Accuracy = 0.7083675143560295 Precision = 0.41384995877988456 Recall = 1.0

	Learning rate = 0.01 Train/Test Split = 75:25	F1 Score = 0.5854227405247814
9	Neural Net: Number of hidden units = 15 Number of epochs = 100 Learning rate = 0.01 Train/Test Split = 65:35	Test Accuracy = 0.6628383921246924 Precision = 0.3850187265917603 Recall = 0.9980582524271845 F1 Score = 0.5556756756756757