

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_Fridge	Logistic Regression	0.85	0.75	0.85	0.79
	Decision Trees	0.98	0.99	0.99	0.99
	Random Forest	0.94	0.93	0.93	0.93
	k-Nearest Neighbors	0.84	-	-	-
	Naive Bayes	0.85	0.73	0.85	0.78
	Gradient Boosting	0.86	0.82	0.86	0.83
	Linear Discriminant Analysis (LDA)	0.84	0.75	0.85	0.79
	Quadratic Discriminant Analysis (QDA)	0.85	0.73	0.85	0.78

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_Garage	Logistic Regression	0.87	0.82	0.87	0.84
	Decision Trees	0.96	0.95	0.96	0.96
	Random Forest	0.92	0.90	0.91	0.90
	k-Nearest Neighbors	0.86	0.85	0.86	0.86
	Naive Bayes	0.85	0.83	0.85	0.84
	Gradient Boosting	0.89	0.89	0.89	0.87
	Linear Discriminant Analysis (LDA)	0.85	0.81	0.86	0.83
	Quadratic Discriminant Analysis (QDA)	0.01	0.00	0.01	0.00

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_GPS	Logistic Regression	0.86	0.74	0.86	0.80
	Decision Trees	0.99	0.99	0.99	0.99
	Random Forest	0.99	0.99	0.99	0.99
	k-Nearest Neighbors	0.99	1.00	1.00	1.00
	Naive Bayes	0.50	0.71	0.51	0.59
	Gradient Boosting	0.93	0.94	0.94	0.93
	Linear Discriminant Analysis (LDA)	0.86	0.74	0.86	0.80
	Quadratic Discriminant Analysis (QDA)	0.55	0.76	0.56	0.63

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_Light	Logistic Regression	0.85	0.74	0.86	0.79
	Decision Trees	0.90	0.90	0.91	0.90
	Random Forest	0.88	0.87	0.88	0.88
	k-Nearest Neighbors	0.83	0.75	0.83	0.79
	Naive Bayes	0.85	0.74	0.86	0.79
	Gradient Boosting	0.85	0.76	0.86	0.79
	Linear Discriminant Analysis (LDA)	0.85	0.74	0.86	0.79
	Quadratic Discriminant Analysis (QDA)	0.00	0.00	0.01	0.00

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_Mbus	Logistic Regression	0.77	0.60	0.78	0.68
	Decision Trees	0.95	0.95	0.95	0.95
	Random Forest	0.96	0.97	0.97	0.97
	k-Nearest Neighbors	0.80	0.79	0.81	0.80
	Naive Bayes	0.77	0.60	0.78	0.68
	Gradient Boosting	0.77	0.77	0.78	0.68
	Linear Discriminant Analysis (LDA)	0.77	0.77	0.78	0.68
	Quadratic Discriminant Analysis (QDA)	0.77	0.77	0.78	0.68

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_Thrm	Logistic Regression	0.87	0.76	0.87	0.81
	Decision Trees	0.95	0.94	0.95	0.94
	Random Forest	0.90	0.89	0.90	0.90
	k-Nearest Neighbors	0.84	0.80	0.85	0.82
	Naive Bayes	0.87	0.76	0.87	0.81
	Gradient Boosting	0.87	0.78	0.87	0.81
	Linear Discriminant Analysis (LDA)	0.87	0.76	0.87	0.81
	Quadratic Discriminant Analysis (QDA)	0.87	0.76	0.87	0.81

Dataset	Models	Accuracy	Precision	Recall	F1-score
IoT_WX	Logistic Regression	0.86	0.74	0.86	0.80
	Decision Trees	0.99	1.00	1.00	1.00
	Random Forest	0.99	0.98	0.99	0.99
	k-Nearest Neighbors	0.98	0.99	0.99	0.99
	Naive Bayes	0.85	0.74	0.86	0.80
	Gradient Boosting	0.89	0.90	0.90	0.87
	Linear Discriminant Analysis (LDA)	0.85	0.74	0.86	0.80
	Quadratic Discriminant Analysis (QDA)	0.84	0.77	0.85	0.79