

T-Test

[DataSet0]

Group Statistics

	GROUP	N	Mean	Std. Deviation	Std. Error Mean
ACCURACY	XGB	20	90.0500	2.64525	.59150
	RF	20	77.3000	4.75837	1.06400

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ACCURACY	Equal variances assumed	9.618	.004	10.473	38
	Equal variances not assumed			10.473	29.720

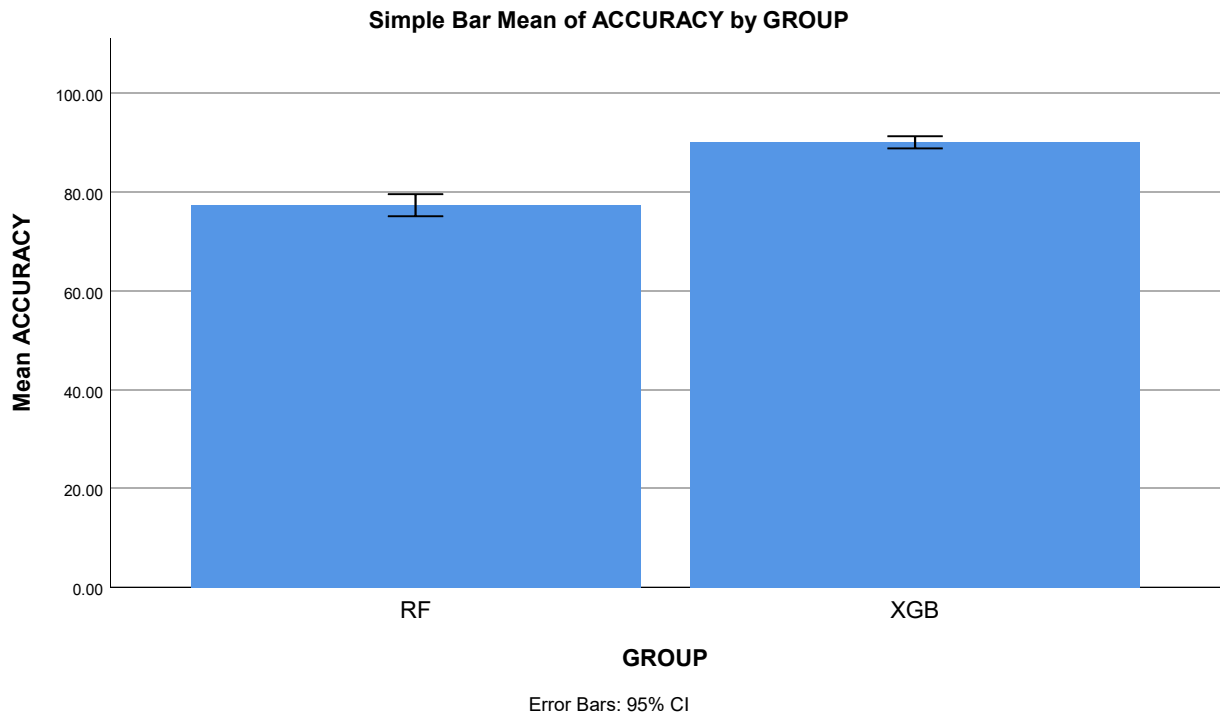
Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
ACCURACY	Equal variances assumed	.000	12.75000	1.21736
	Equal variances not assumed	.000	12.75000	1.21736

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
ACCURACY	Equal variances assumed	10.28558	15.21442
	Equal variances not assumed	10.26283	15.23717

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T-Test

[DataSet1]

Group Statistics

	GROUP	N	Mean	Std. Deviation	Std. Error Mean
ACCURACY	XGB	20	88.6000	3.08477	.68977
	LGBM	20	75.7500	4.26584	.95387

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ACCURACY	Equal variances assumed	2.133	.152	10.916	38
	Equal variances not assumed			10.916	34.604

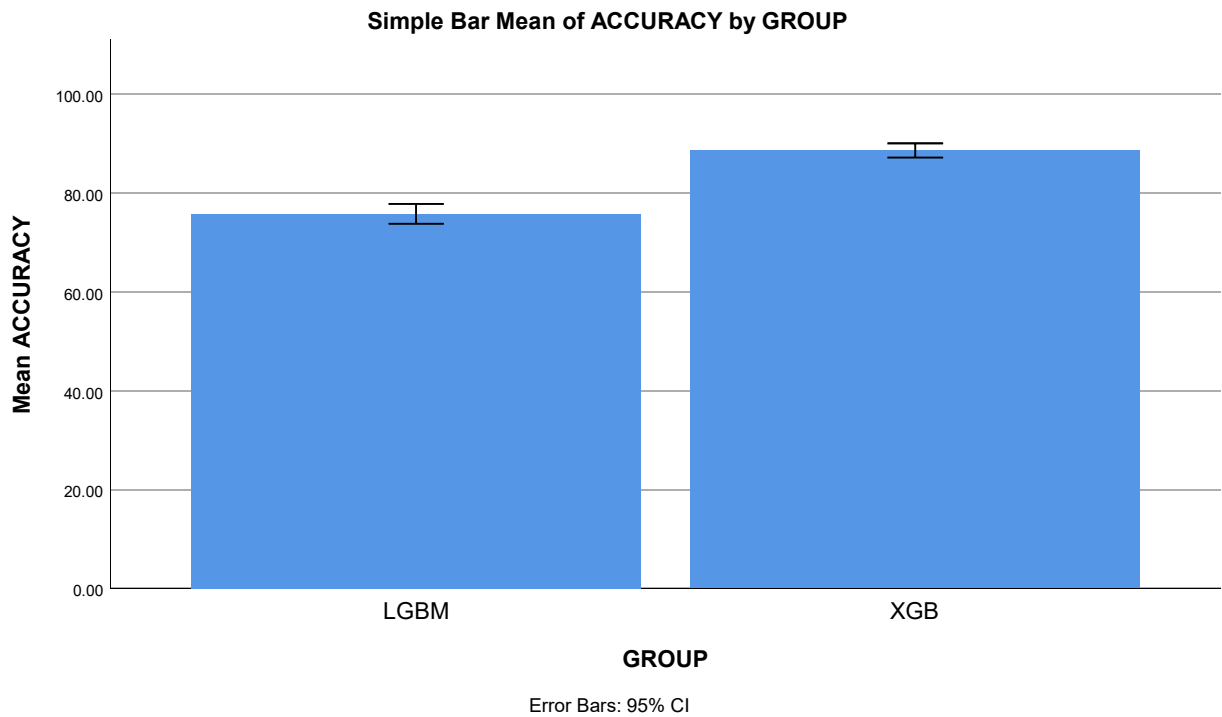
Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
ACCURACY	Equal variances assumed	.000	12.85000	1.17714
	Equal variances not assumed	.000	12.85000	1.17714

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
ACCURACY	Equal variances assumed	10.46701	15.23299
	Equal variances not assumed	10.45930	15.24070

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T-Test

[DataSet3]

Group Statistics

	GROUP	N	Mean	Std. Deviation	Std. Error Mean
ACCURACY	XGB	20	96.8500	1.42441	.31851
	DT	20	81.6000	4.01838	.89854

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ACCURACY	Equal variances assumed	13.758	.001	15.997	38
	Equal variances not assumed			15.997	23.701

Independent Samples Test

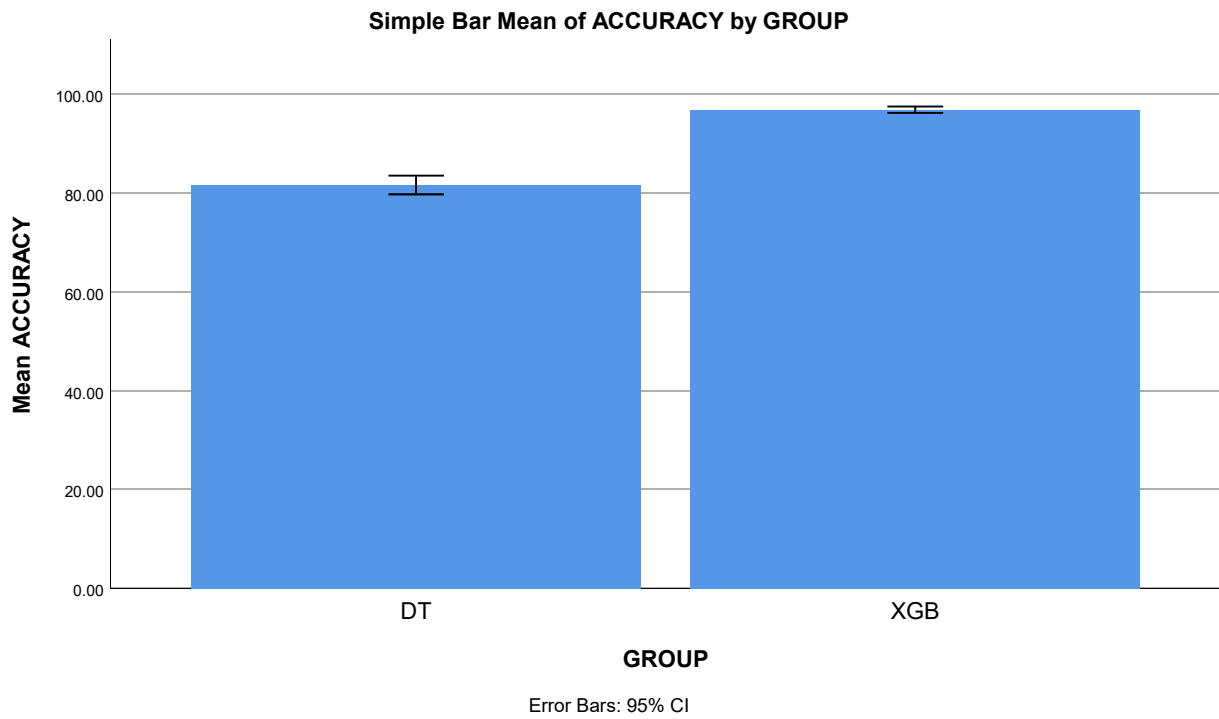
		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
ACCURACY	Equal variances assumed	.000	15.25000	.95332
	Equal variances not assumed	.000	15.25000	.95332

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
ACCURACY	Equal variances assumed	13.32011	17.17989
	Equal variances not assumed	13.28113	17.21887

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[DataSet3] C:\Users\Arshad\Desktop\project\SPSS 3.sav



T-Test

Group Statistics

		GROUP	N	Mean	Std. Deviation	Std. Error Mean
ACCURACY	XGB		20	96.3500	1.63111	.36473
	LR		20	87.6000	4.45327	.99578

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ACCURACY	Equal variances assumed	33.502	.000	8.251	38
	Equal variances not assumed			8.251	24.008

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
ACCURACY	Equal variances assumed	.000	8.75000	1.06047
	Equal variances not assumed	.000	8.75000	1.06047

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
ACCURACY	Equal variances assumed	6.60318	10.89682
	Equal variances not assumed	6.56133	10.93867

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