

Table 5: Result Analysis of SVM classification

Actual Expression \ Decteded Expression	Normal	Sad	Surprise	Smile
Normal	63.33%	16.66%	10.66%	9.35%
Sad	23%	66.33%	17.33%	-
Surprise	-	-	93.33%	6.6%
Smile	6.6%	-	10%	83.33%

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Table 6: Result Analysis of Rule – Based Classification

Actual Expression \ Decteded Expression	Normal	Sad	Surprise	Smile
Normal	56.25%	12.15%	31.6%	-
Sad	37.75%	62.5%	-	-
Surprise	-	-	87.75%	12.5%
Smile	-	-	18.75%	81.25%

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