

Project Development Phase Model Performance Test

Date	20 November 2023
Team ID	Team-591827
Project Name	Unveiling Sentiments in Political Speeches
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No	Parameter	Values	Screenshot																																			
1.	Segmentation	negative : 4102 neutral : 39087 positive : 26811	<div><div>segmentation</div><div>segmentation</div><table><tr><td>negative</td><td>4102</td></tr><tr><td>neutral</td><td>39087</td></tr><tr><td>positive</td><td>26811</td></tr></table></div>	negative	4102	neutral	39087	positive	26811																													
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neutral	39087																																					
positive	26811																																					
2.	Accuracy	Training Accuracy - 82% Validation Accuracy - 82%	<div><div>Validation Accuracy: 0.82%</div><div>Classification Report:</div><table><tr><td></td><td>precision</td><td>recall</td><td>f1-score</td><td>support</td></tr><tr><td>negative</td><td>0.97</td><td>0.11</td><td>0.20</td><td>803</td></tr><tr><td>neutral</td><td>0.92</td><td>0.81</td><td>0.86</td><td>7802</td></tr><tr><td>positive</td><td>0.72</td><td>0.93</td><td>0.81</td><td>5395</td></tr><tr><td>accuracy</td><td></td><td></td><td>0.82</td><td>14000</td></tr><tr><td>macro avg</td><td>0.87</td><td>0.62</td><td>0.62</td><td>14000</td></tr><tr><td>weighted avg</td><td>0.84</td><td>0.82</td><td>0.80</td><td>14000</td></tr></table></div>		precision	recall	f1-score	support	negative	0.97	0.11	0.20	803	neutral	0.92	0.81	0.86	7802	positive	0.72	0.93	0.81	5395	accuracy			0.82	14000	macro avg	0.87	0.62	0.62	14000	weighted avg	0.84	0.82	0.80	14000
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3.	Confidence Score (Only Yolo Projects)	Class Detected - NA Confidence Score - NA	Not Applicable																																			

Screenshot:



