

Indian General Election 2019 Youtube Sentiment Dashboard

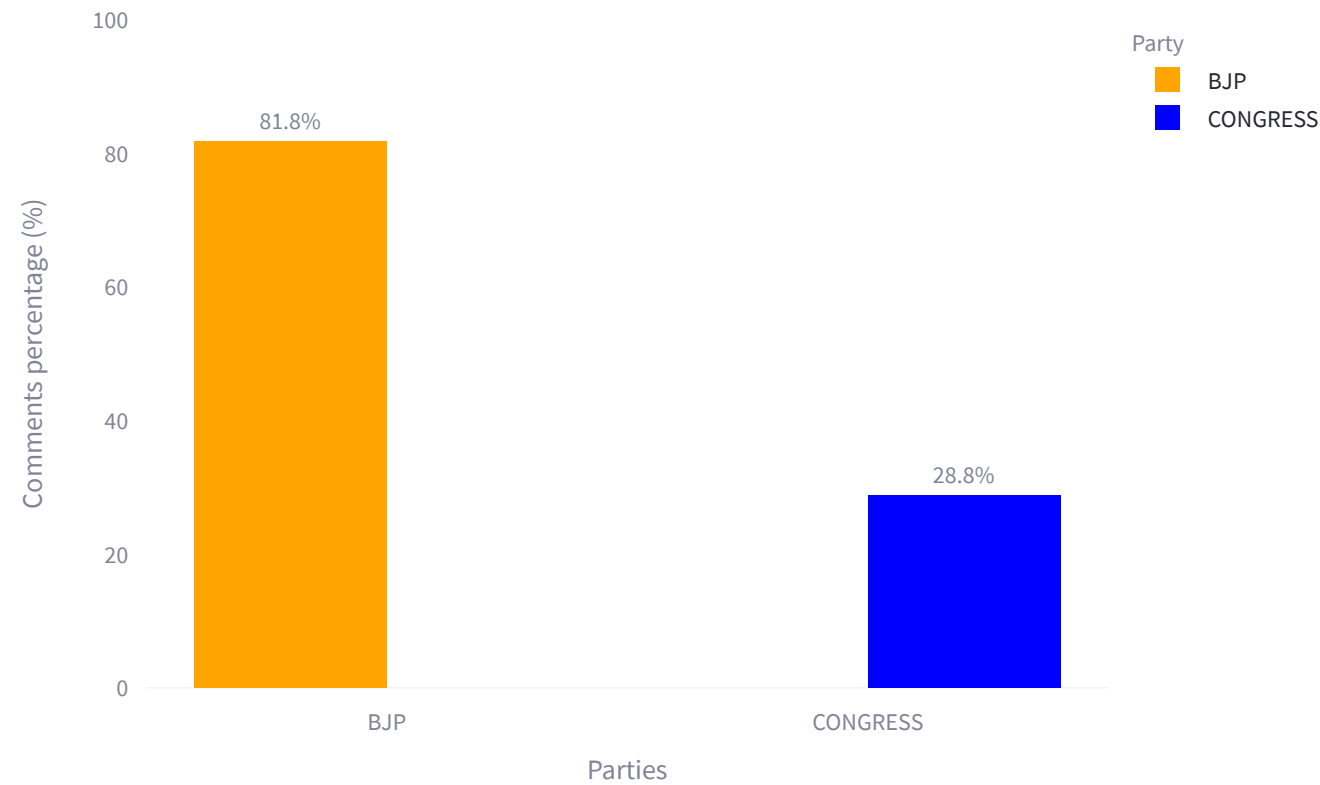
SECTION-1: TREND ANALYSIS OVERALL AND MONTHLY COMMENTS DISTRIBUTION

Please select analysis time period (Year)

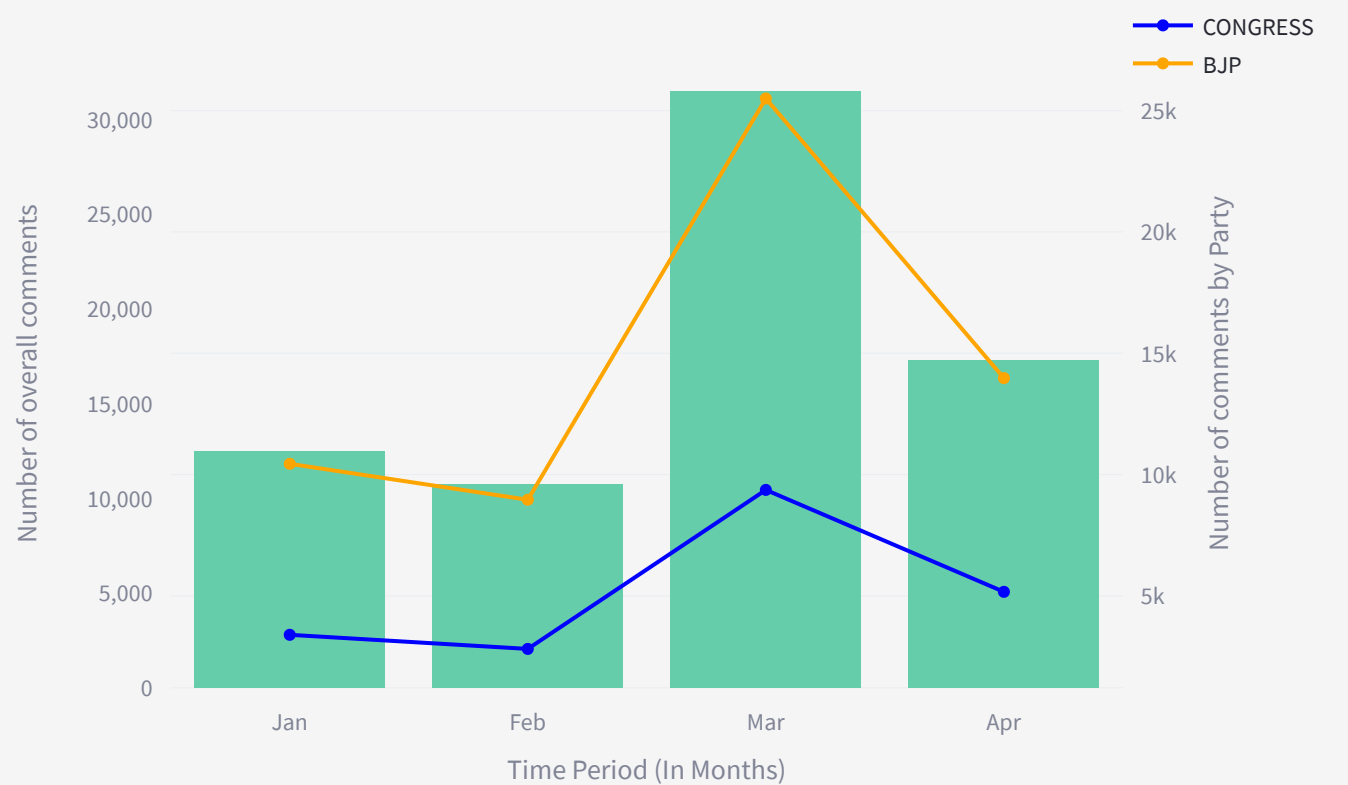
2019



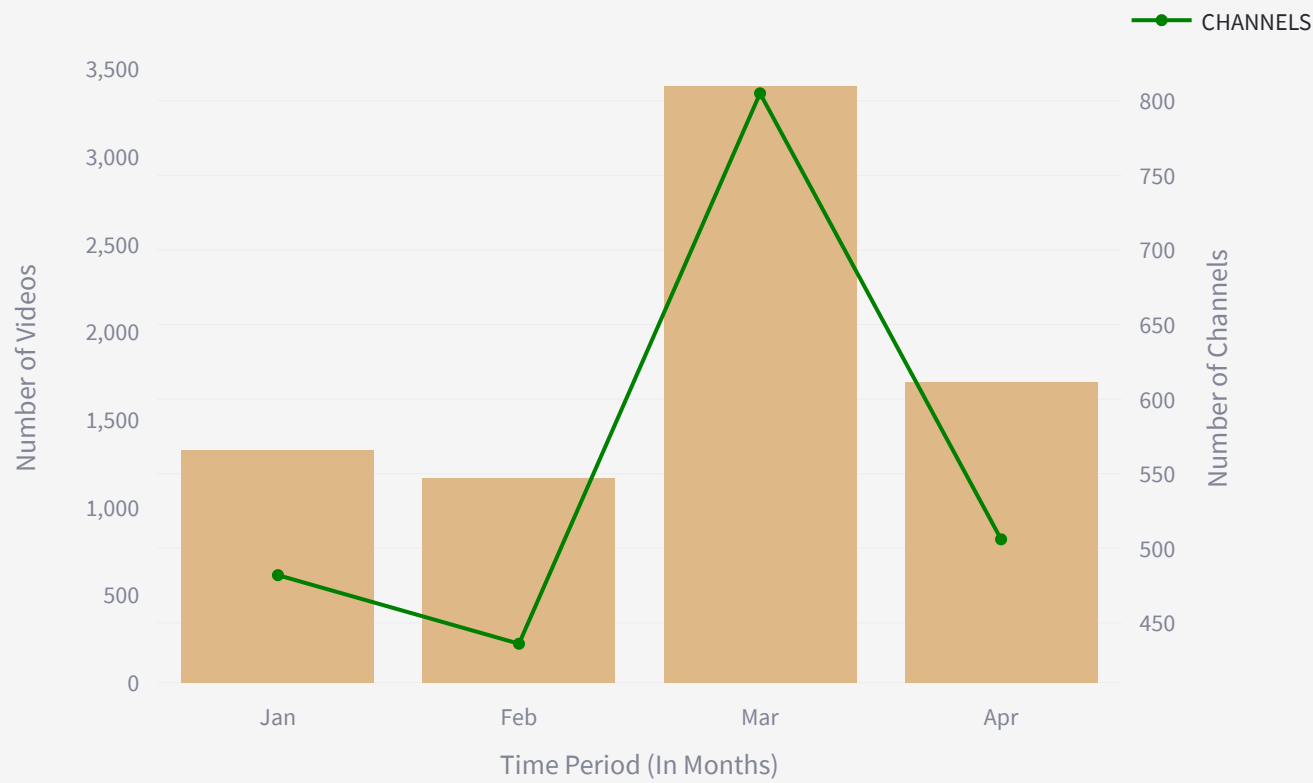
OVERALL DISTRIBUTION - YOUTUBE COMMENTS BY PARTIES (01JAN2019 - 10APR2019)



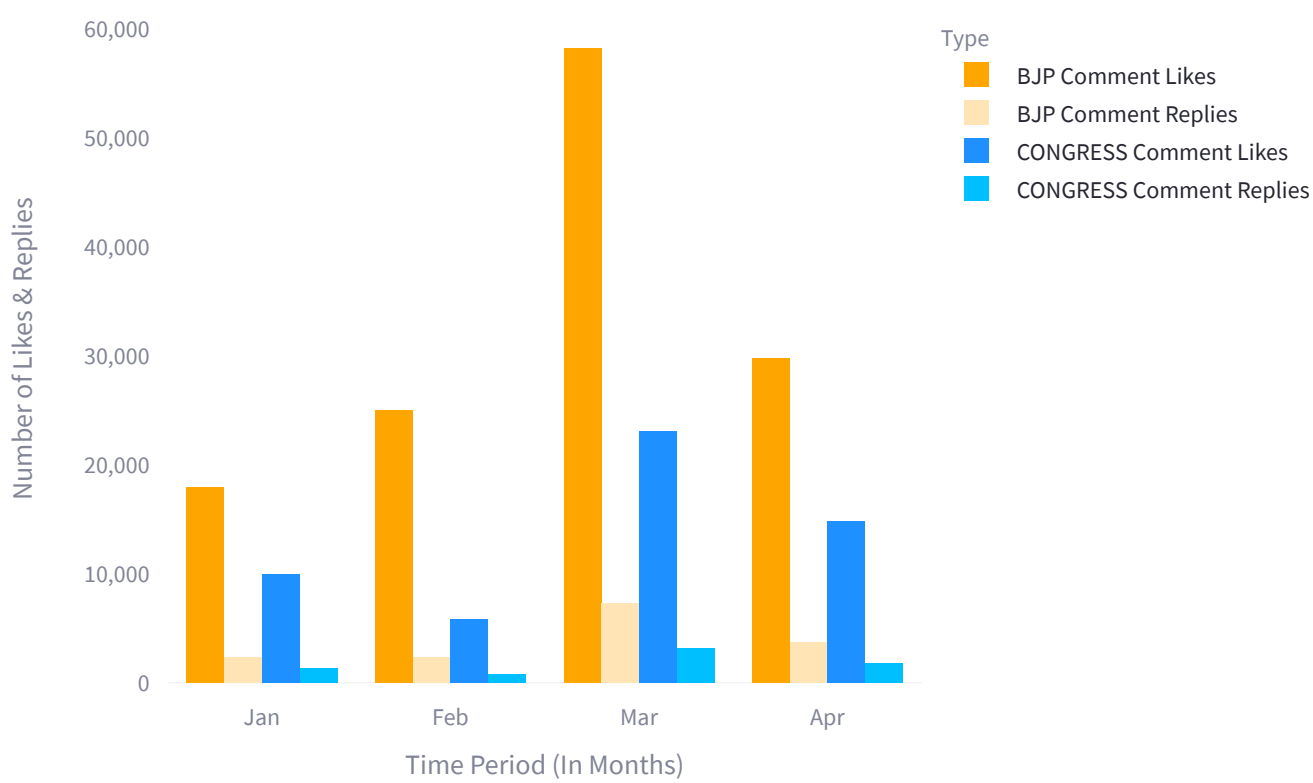
MONTHLY DISTRIBUTION OF YOUTUBE COMMENTS



MONTHLY DISTRIBUTION OF YOUTUBE VIDEOS VS CHANNELS



MONTHLY DISTRIBUTION OF YOUTUBE LIKES VS REPLIES PARTYWISE

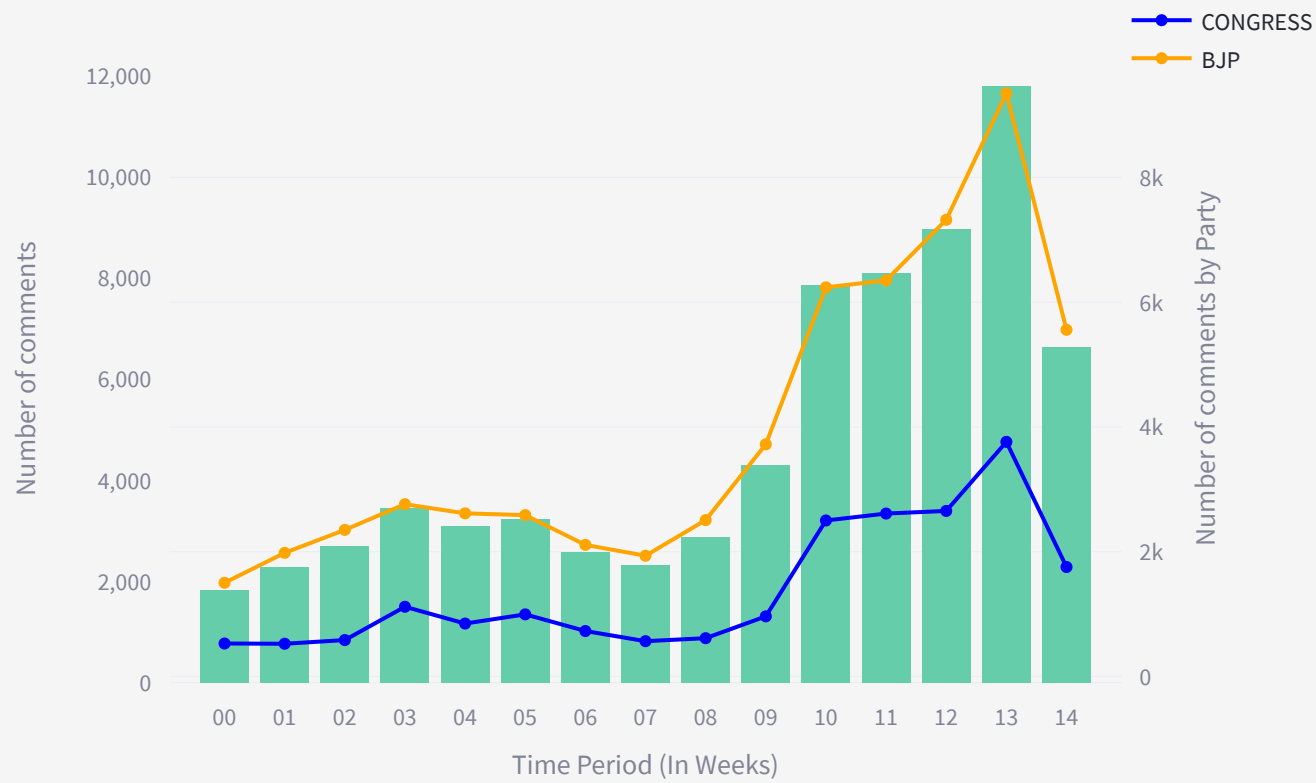


SECTION-2: TREND ANALYSIS - WEEKLY/HOURLY COMMENT DISTRIBUTION (01JAN2019 - 10APR2019)

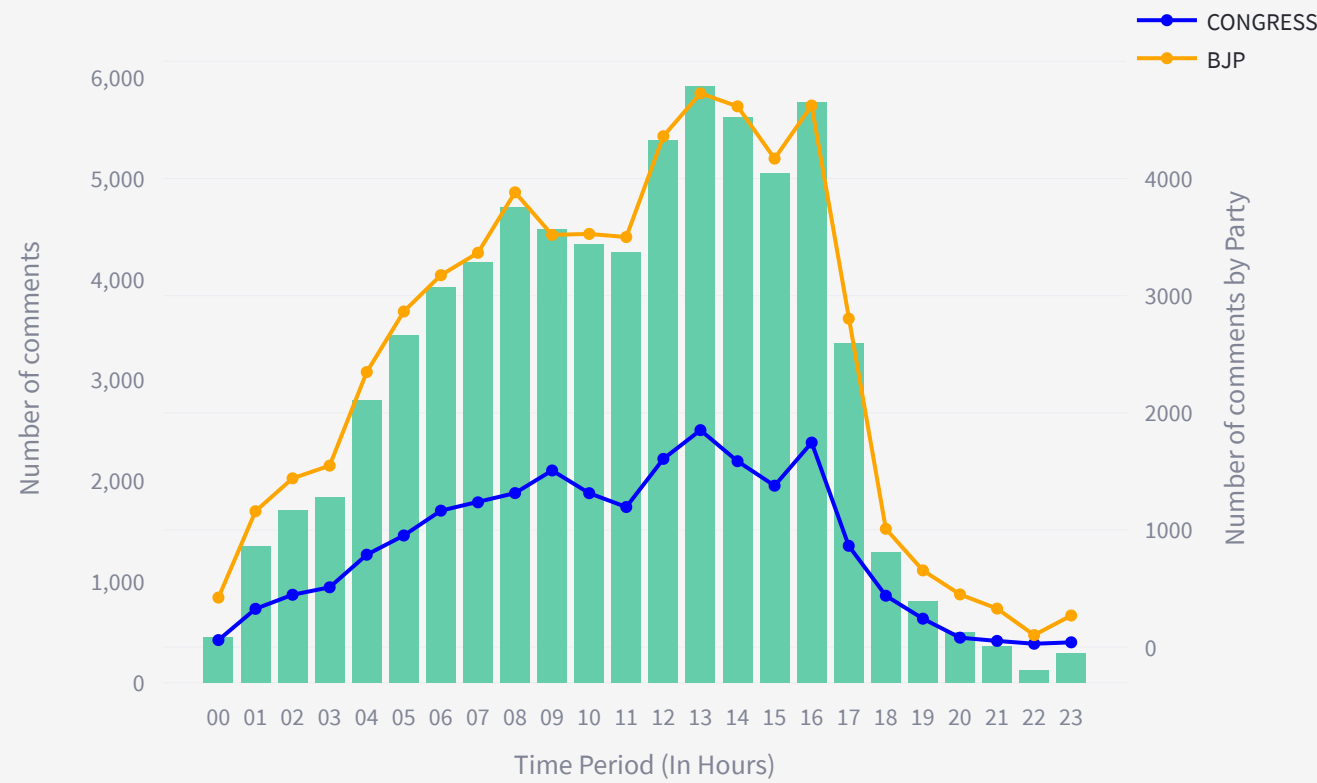
Please Select Week Range based on Analysis Window



WEEKLY YOUTUBE COMMENTS DISTRIBUTION



HOURLY YOUTUBE COMMENTS DISTRIBUTION



SECTION-3: TREND ANALYSIS LANGUAGE BASED YOUTUBE COMMENTS

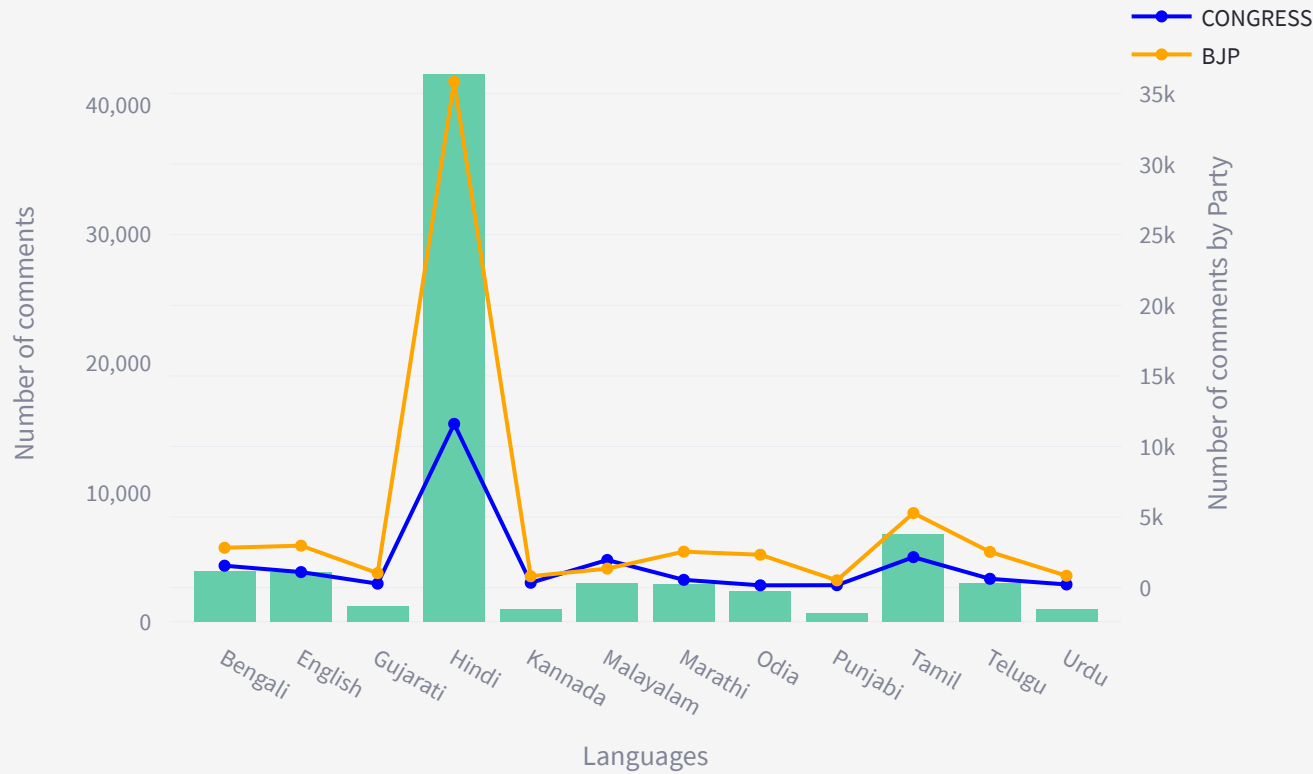
Please select languages from the list

Bengali × English × Gujarati × Hindi × Kannada × Malayalam × Marathi × Odia × Punjabi × Tamil × Telugu × Urdu ×

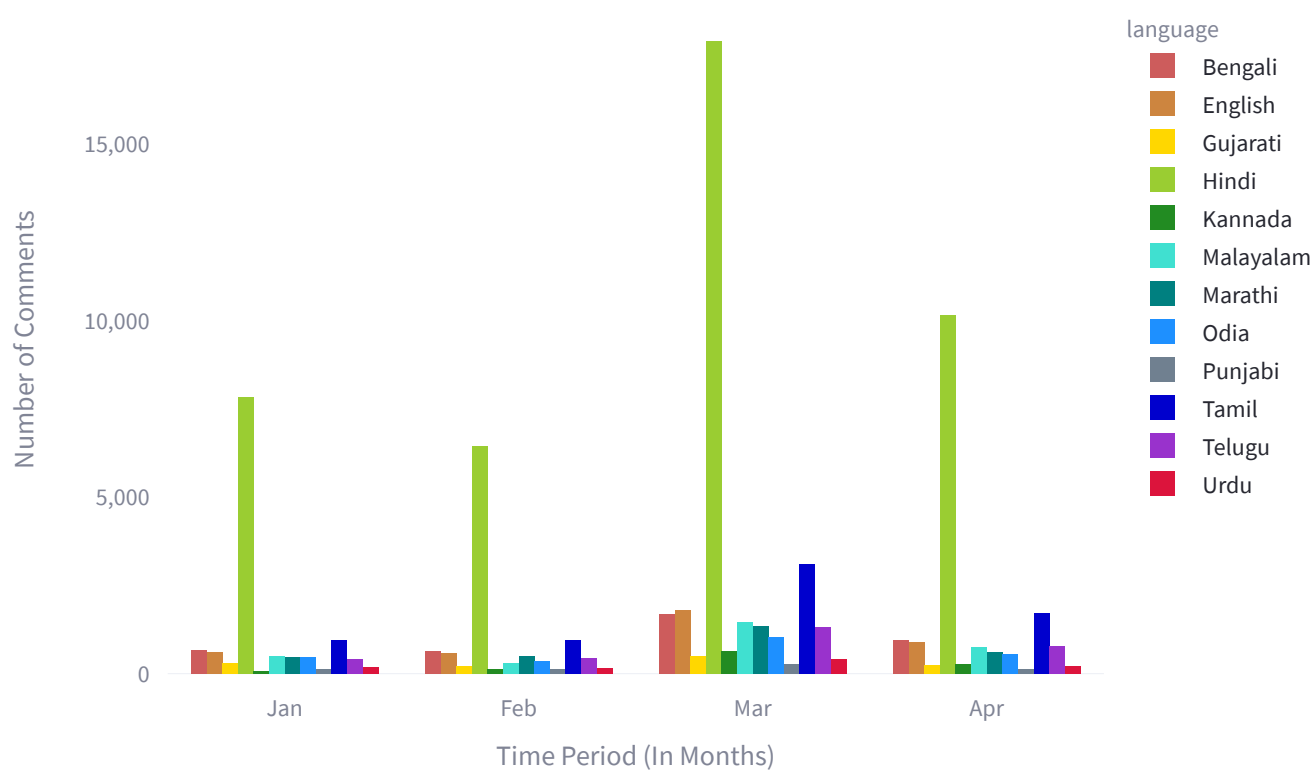
Please select Time Period (In Months)

Apr2019 × Feb2019 × Jan2019 × Mar2019 ×

FREQUENCY DISTRIBUTION YOUTUBE COMMENTS LANGUAGES

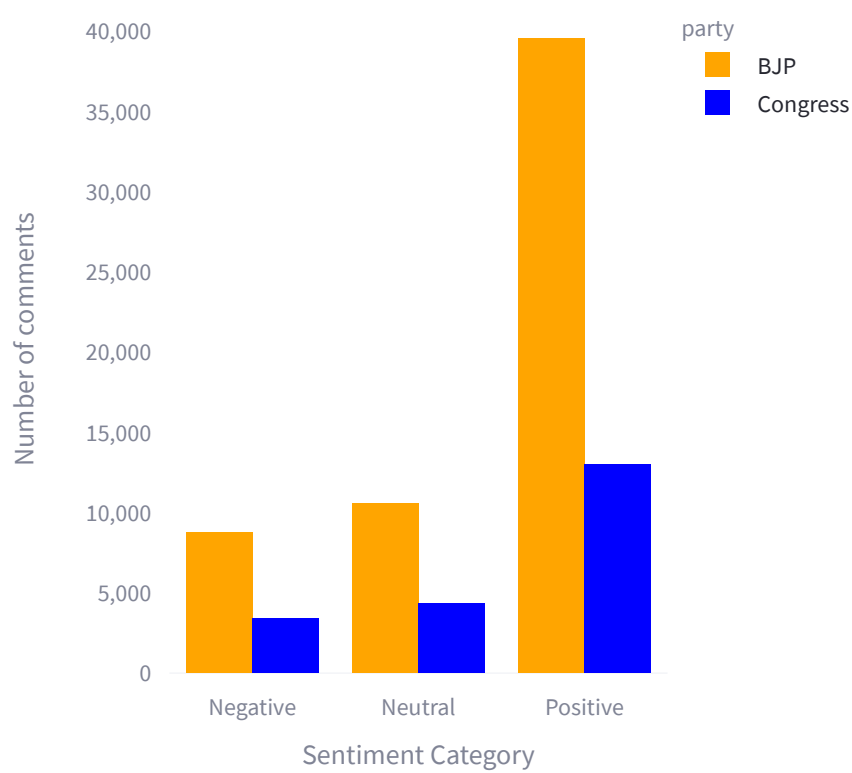


MONTHLY DISTRIBUTION OF YOUTUBE COMMENTS BY LANGUAGES

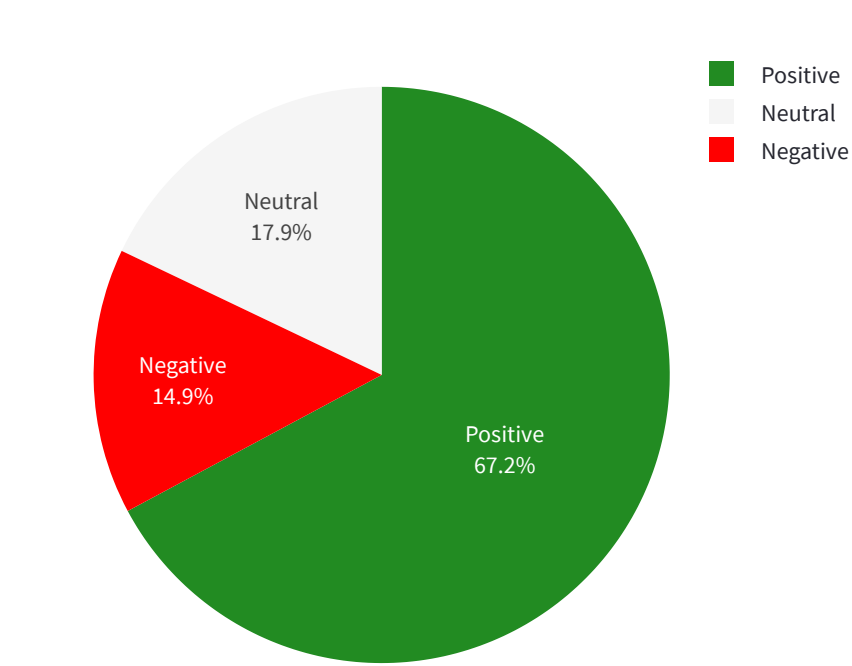


SECTION-4: OVERALL SENTIMENTS BASED IN COMMENTS USING mBERT

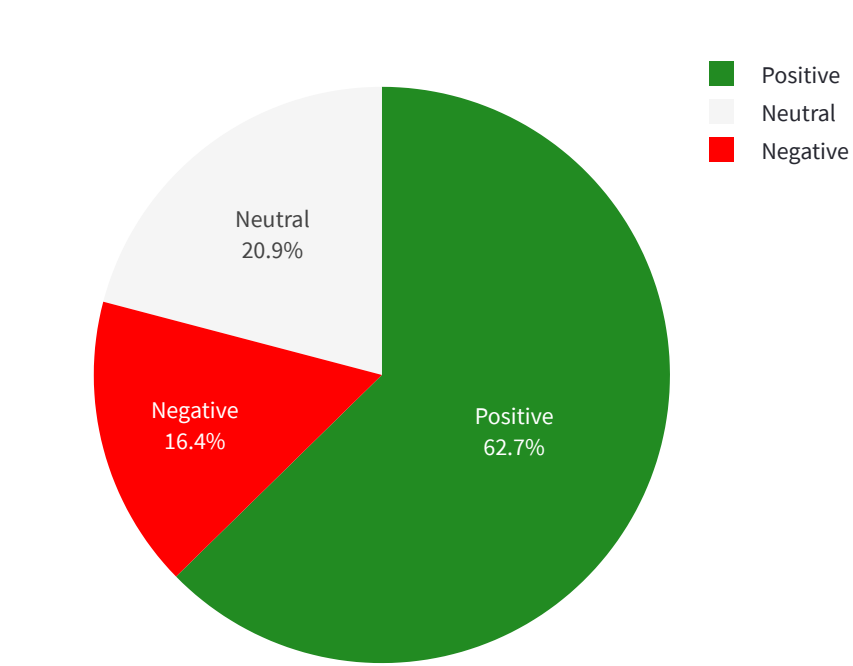
YOUTUBE COMMENTS SENTIMENT BY PARTIES



BJP SENTIMENT DISTRIBUTION



CONGRESS SENTIMENT DISTRIBUTION



SECTION-5: SENTIMENT DISTRUBUTION BASED IN TIME PERIOD AND LANGUAGES USING mBERT

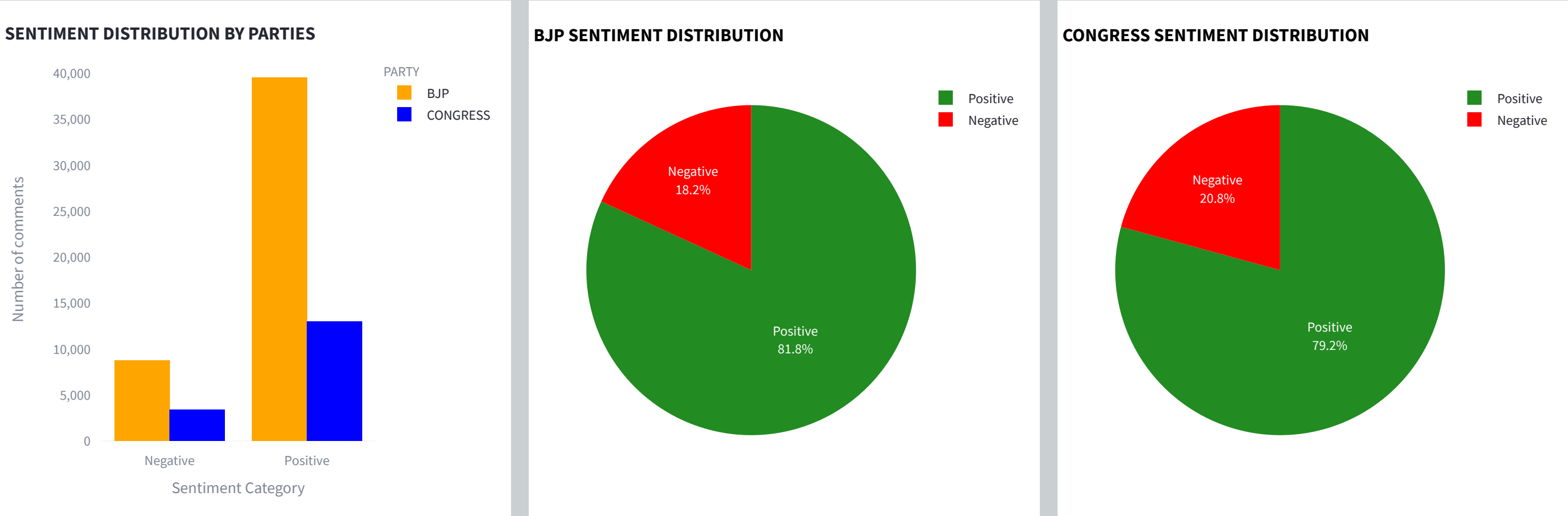
Note: Neutral Sentiment is removed, focus is on Positive and Negative Sentiments

Select Analysis Timeperiod:

Mar2019 × Jan2019 × Apr2019 × Feb2019 ×

Select languages:

Bengali × English × Gujarati × Hindi × Kannada × Malayalam × Marathi × Odia × Punjabi × Tamil × Telugu × Urdu ×

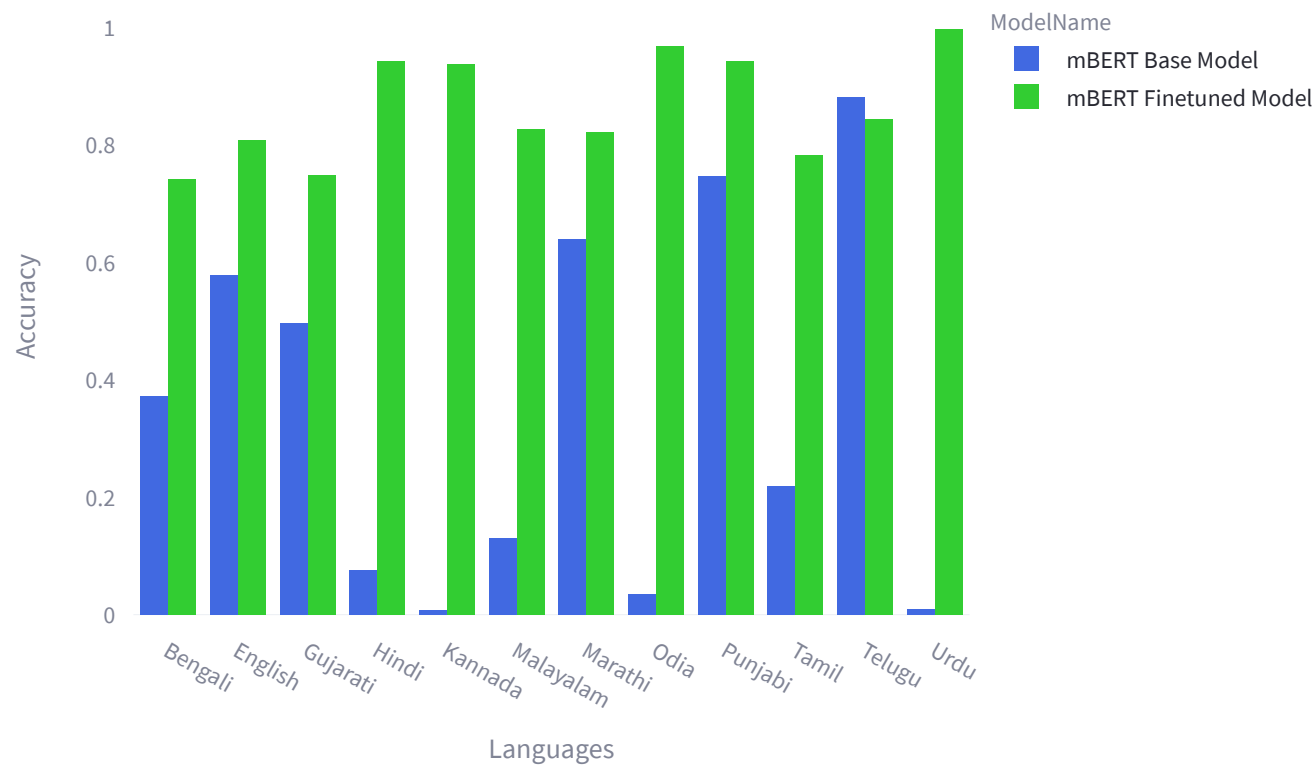


SECTION-6: mBert BASE VS FINE TUNED MODEL COMPARISON BY REGIONAL LANGUAGES

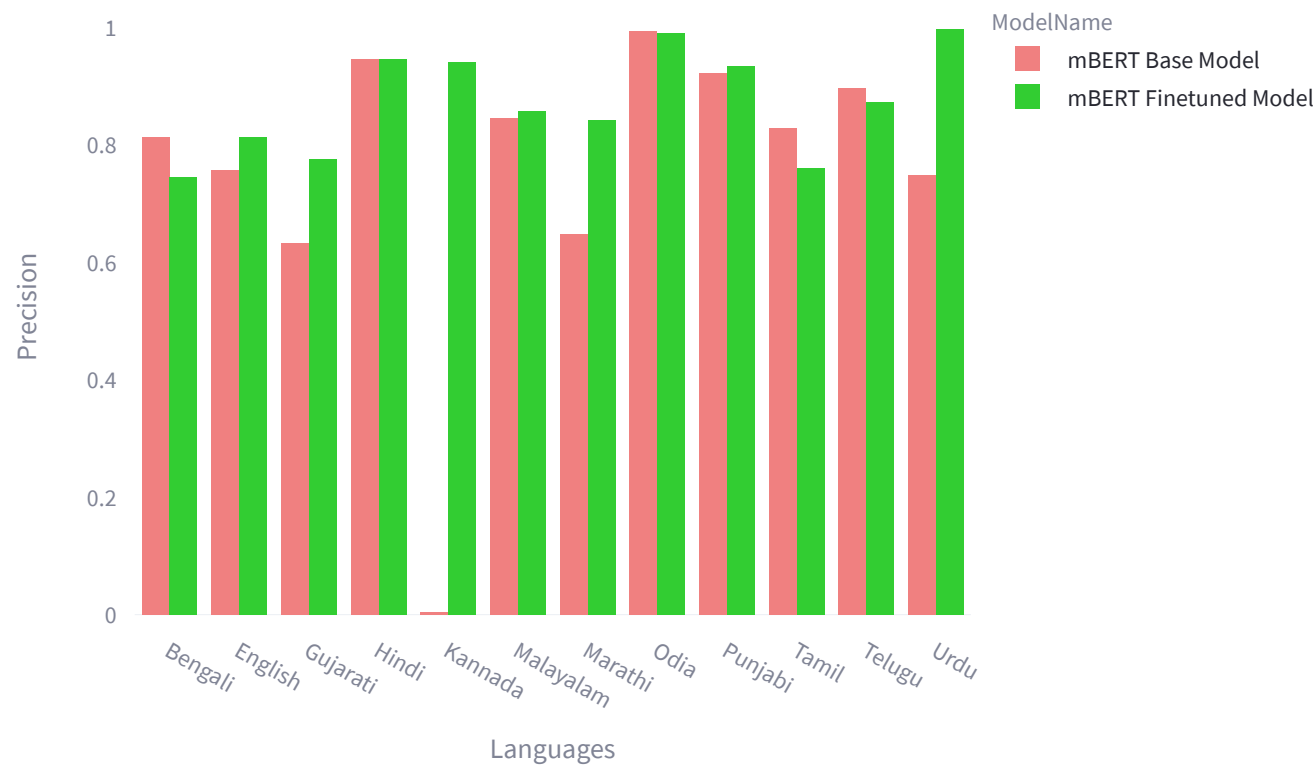
Please select one or more language from the list

Bengali × English × Gujarati × Hindi × Kannada × Malayalam × Marathi × Odia × Punjabi × Tamil × Telugu × Urdu ×

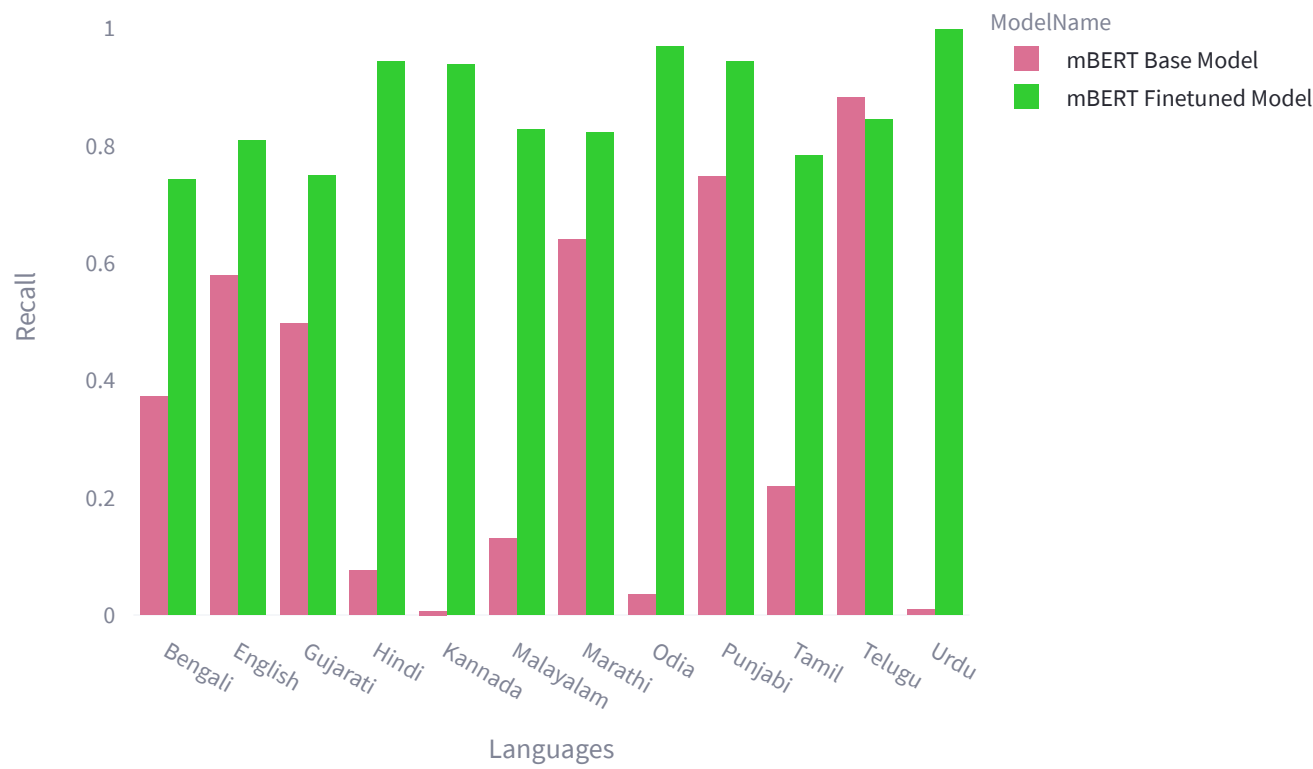
mBERT BASE VS FINE TUNED MODEL - ACCURACY



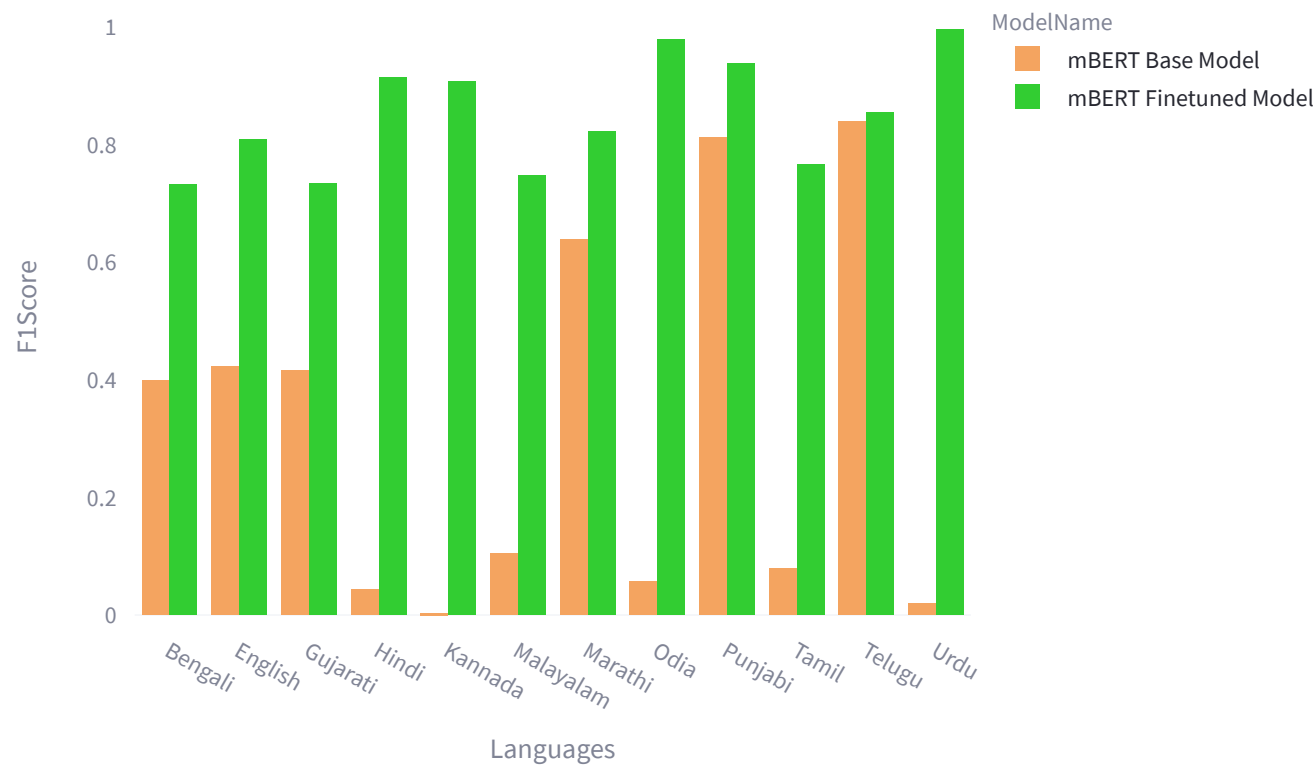
mBERT BASE VS FINE TUNED MODEL - PRECISION



mBERT BASE VS FINE TUNED MODEL - RECALL



mBERT BASE VS FINE TUNED MODEL - F1SCORE



SECTION-7: mBert BASE VS FINE TUNED MODEL COMPARISON BY REGIONAL LANGUAGES TABULAR VIEW

LanguageCode	Accuracy_BaseModel	Precision_BaseModel	Recall_BaseModel	F1Score_BaseModel	Accuracy_FinetunedModel	Precision_FinetunedModel	Recall_FinetunedModel	F1Score_FinetunedModel
Gujarati	0.4959	0.6327	0.4959	0.4158	0.748	0.7752	0.748	0.734
Hindi	0.0764	0.9456	0.0764	0.0429	0.9422	0.9455	0.9422	0.9141
Kannada	0.0067	0.0001	0.0067	0.0001	0.9367	0.9407	0.9367	0.906
Malayalam	0.1305	0.8445	0.1305	0.1041	0.8263	0.8565	0.8263	0.7477
Marathi	0.6393	0.6479	0.6393	0.6387	0.8219	0.8412	0.8219	0.8223
Odia	0.0349	0.9931	0.0349	0.057	0.9679	0.9906	0.9679	0.9777
Punjabi	0.746	0.9225	0.746	0.8119	0.9418	0.9345	0.9418	0.9374
Tamil	0.2189	0.829	0.2189	0.0786	0.7821	0.7607	0.7821	0.7665
Telugu	0.8818	0.896	0.8818	0.8396	0.8435	0.8719	0.8435	0.8545
Urdu	0.01	0.7475	0.01	0.0197	0.9967	0.9967	0.9967	0.995

End of Dashboard