

SADNESS/DISPLEASURE DETECTOR

API ANALYSIS RESULT INTERPRETATION

JSON Object	Field Description	Version Support Notes
{		
"status": "success",	The status of request. Can be "success" or "error"	
"result": {	The object of analysis results.	
"duration": "11155.13",	Duration of voice data processed in milliseconds	
"sessionStatus": "Processing",	Session status can be: "Started" – no analysis data yet produced, "Processing" – intermediate results , more analysis can be expected, "Done" – analysis session has ended, the result has an analysis results for whole session	
"analysisSegments": [The array containing analysis segments	
{	First analysis segment object. Following fields are properties of the segment	
"offset": 0,	Offset of the segment in milliseconds from the beginning of the session.	
"duration": 10000,	Segment duration in milliseconds	
"end": 10000,	The end of the segment in milliseconds	V4 and above
"analysis": {	Analysis object. Contains analysis values for the segment	
"Sadness/Displeasure": {	Sadness/Displeasure object	
"Label": 0,	Label of Sadness/Displeasure	1 – yes Sadness/Displeasure 0 – no Sadness/Displeasure
"Score": "0.18"	Confidence score of Sadness/Displeasure (92% fit to the result Sadness/Displeasure)	

}		
"Vad": {	Voice activity detection	
"Voiced": "21.00"	Represents percent ratio of voice activity in the analyzed time window	
}		
},		
},		
],		
"analysisSummary": {	The object of analysis summary	
"AnalysisResult": {	The object of analysis summary results	
"Sadness/Displeasure ": {	Sadness/Displeasure Summary Object	
"Mode": 1,	Most frequent Sadness/Displeasure Label	
"ModePct": "63.16"	The Percentage of the most frequent Sadness/Displeasure Label of previously analyzed segments	
}		
}		
}		
}		
}		
}		

*Ambiguous value – is displayed when the confidence score is too low

**Unanalyzable value – is displayed when the segment cannot be explained or interpreted through methodical examination. Possible reasons:

- Segment that is composed of mostly silence, when the Voice Activity Detection (VAD) parameter is less than 15%.
- Bad quality of recording - presence of very high background noise in the segment.
- Speech/voice in the segment does not sufficiently adhere to the acoustic model, and as a result is not analyzed.

***Inexplicit value – is displayed when Temper or Valence have "ambiguous" value.