INTERVIEW MODULE REPORT

Work done :
Code link :
https://github.com/rahulnobcoder/interview

⊞ Interview click on this to check incorporated modules

Included things for scoring

👍Important characteristics to extract:(passed into LLM to get top3 characteristics from these).
1. Teamwork
2. Communication Skills
3. Problem-Solving Ability
4. Adaptability
5. Hunger for Knowledge
6. Strong Work Ethic
7. Leadership Potential
8. Attention to Detail
9. Time Management
10. Positive Attitude

Emotional and Sentiment Features:

- Sentiment analysis – +ve / -ve
- Emotion label – +ve / -ve
- Valence and arousal – +ve / -ve
- Yawn count – -ve
- Smiles/No smiles – +ve / -ve

Score from these features are included in the combined report

Need to be included:

Score from **Linguistic Features:**

- Average number of words spoken per minute – +ve
- Average number of unique words per minute – +ve
- Count of unique words in the transcript – +ve
- Count of nouns, adjectives, and verbs in each sentence – +ve
- Filler words count – -ve

Prosody and Sound Features:

- Sound intensity – +ve
- Frequency of voice – +ve / -ve
- Pitch information – +ve
- Tone – +ve / -ve
- Spectral energy – +ve
- Spectral centroid – +ve
- Zero-crossing rate – +ve
- Pause rate – -ve

Physical Engagement Features:

- Eyebrow distance measures – -ve
- Blinks – +ve / -ve
- Average blink duration – +ve / -ve

Interview Score = w1×Linguistic Score + w2×Prosody Score + w3×Emotional Engagement Score + w4×Physical Engagement Score

All the individual scores will have to be normalized and a scoring scheme needs to be created