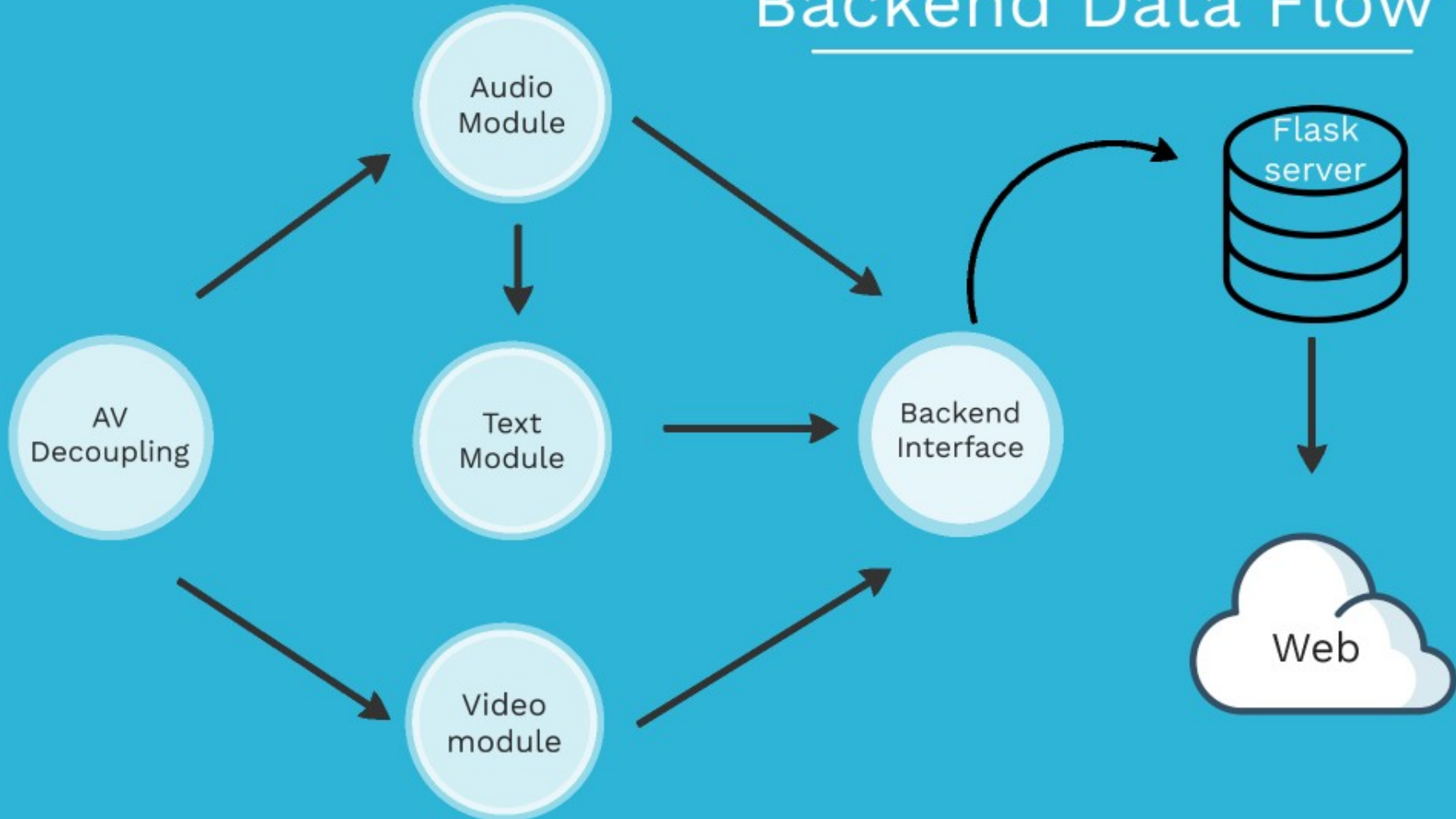


Backend Data Flow



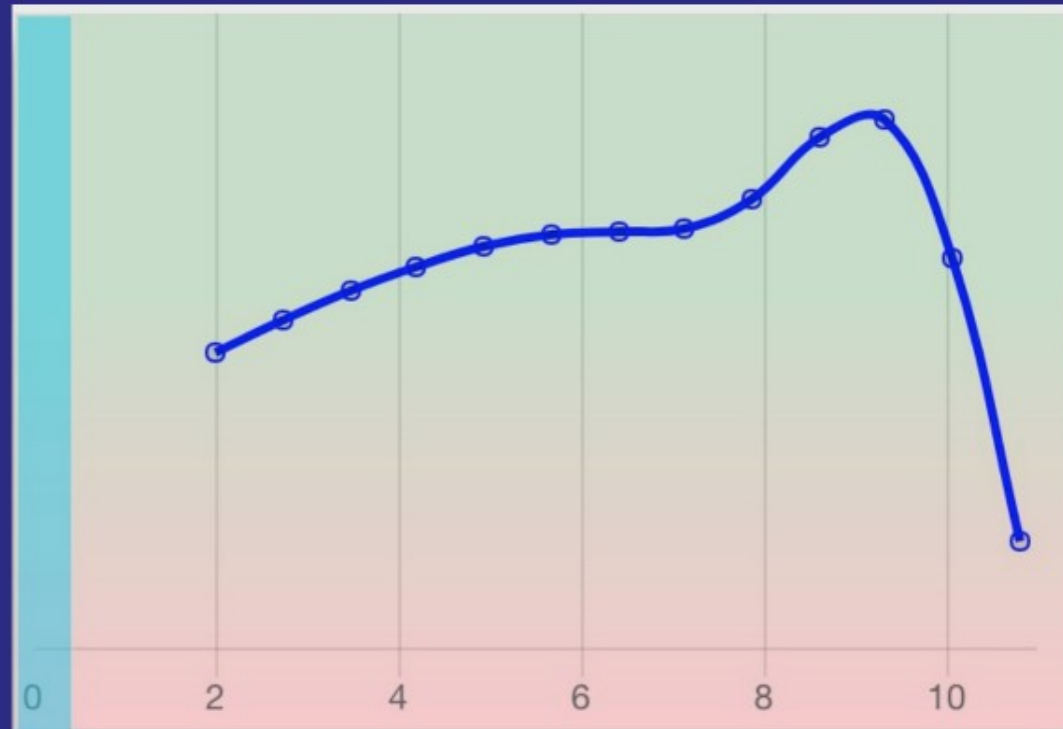
Audio

**Speech to
Text**

**Speech
Rate**

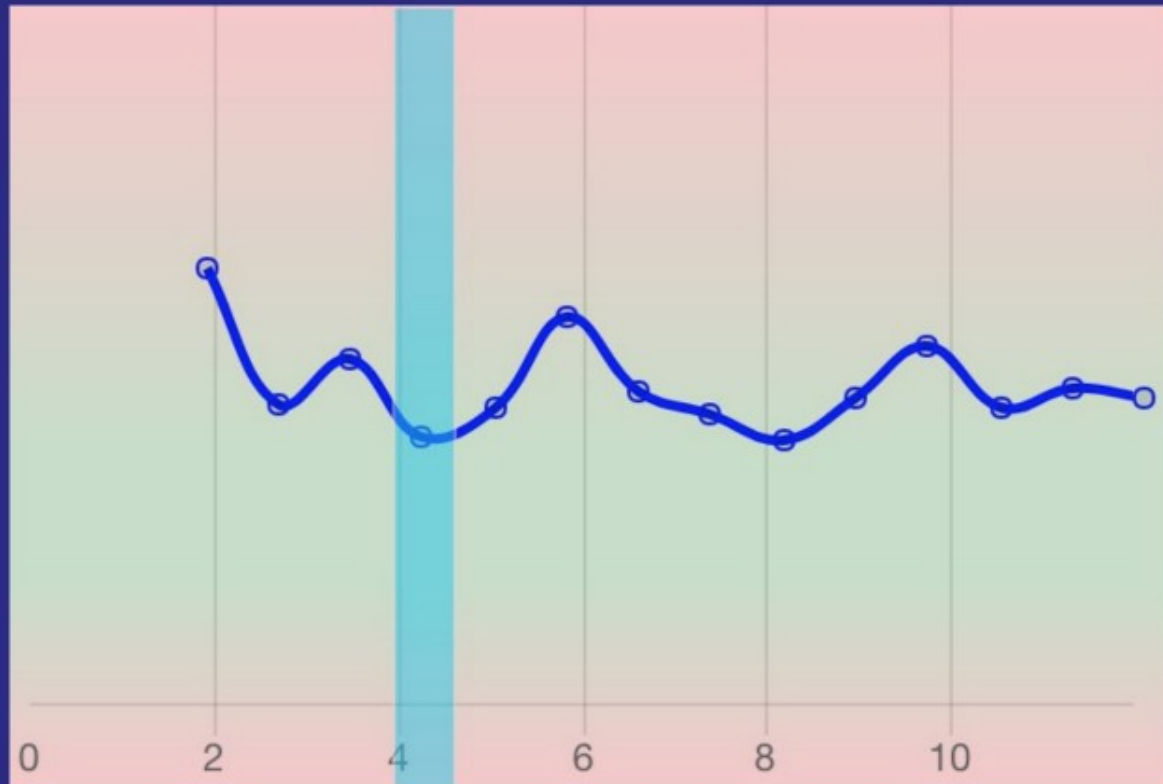
Pitch

Speech Rate



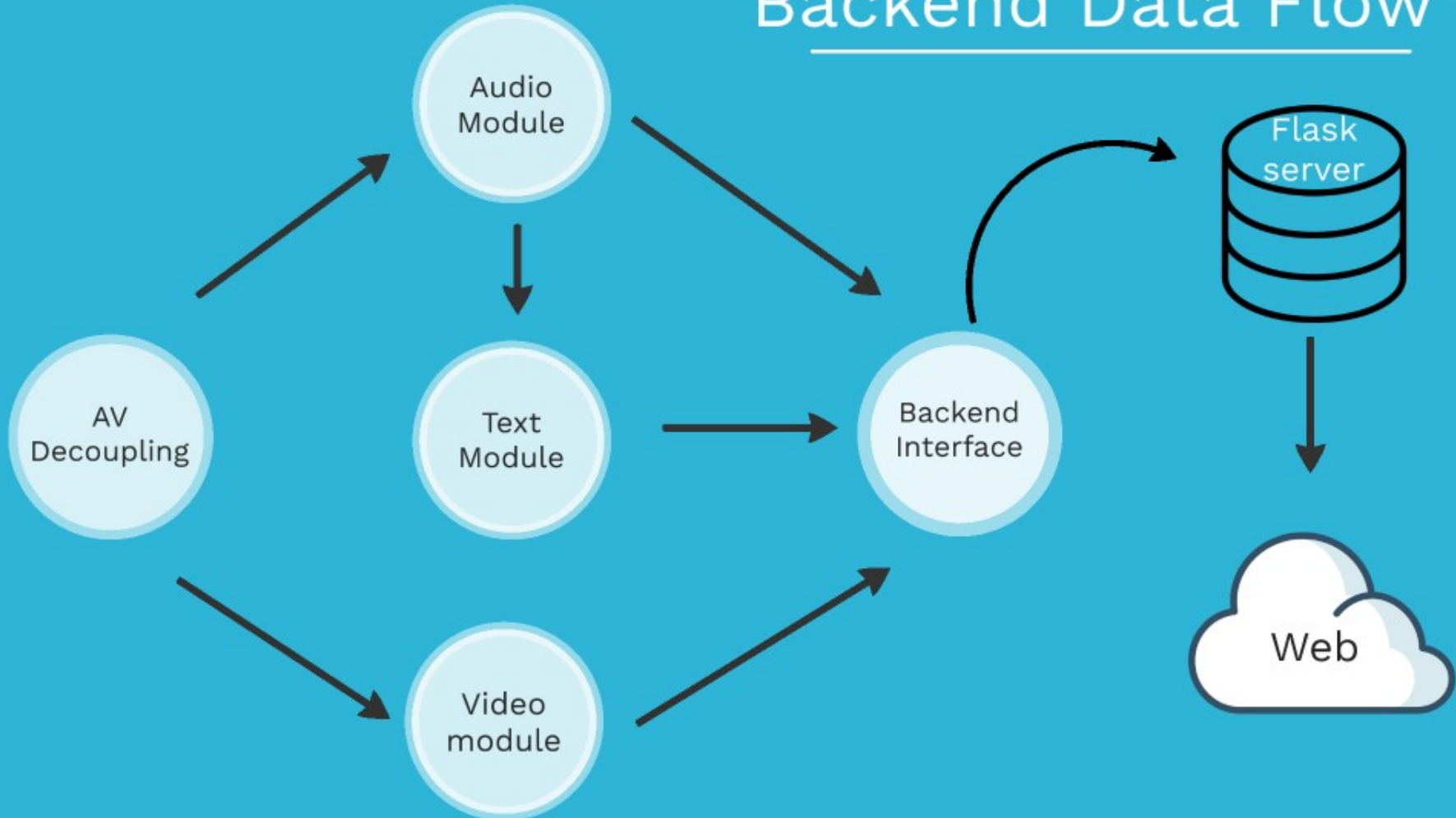
Speech Rate vs Time

Pitch



Vocal Pitch vs Time

Backend Data Flow





Text

Articulation

Sentiment

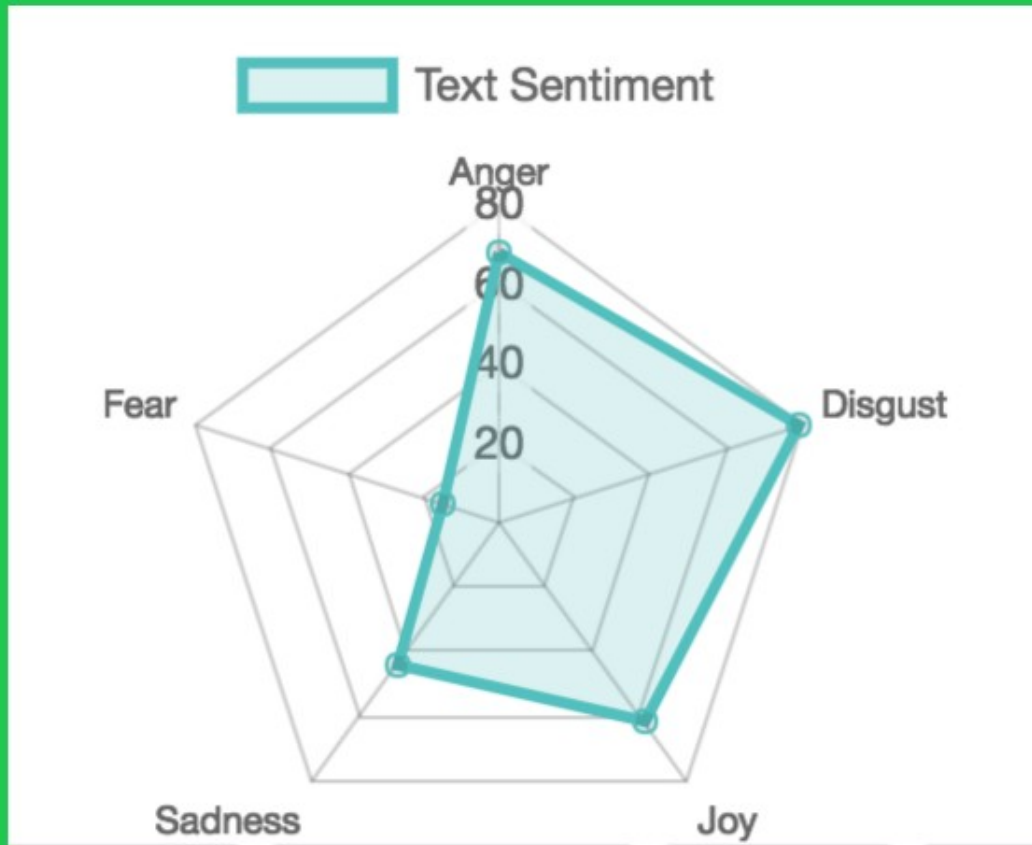
Articulation

Word Addition: the quick brown -> the quick brown **fox**

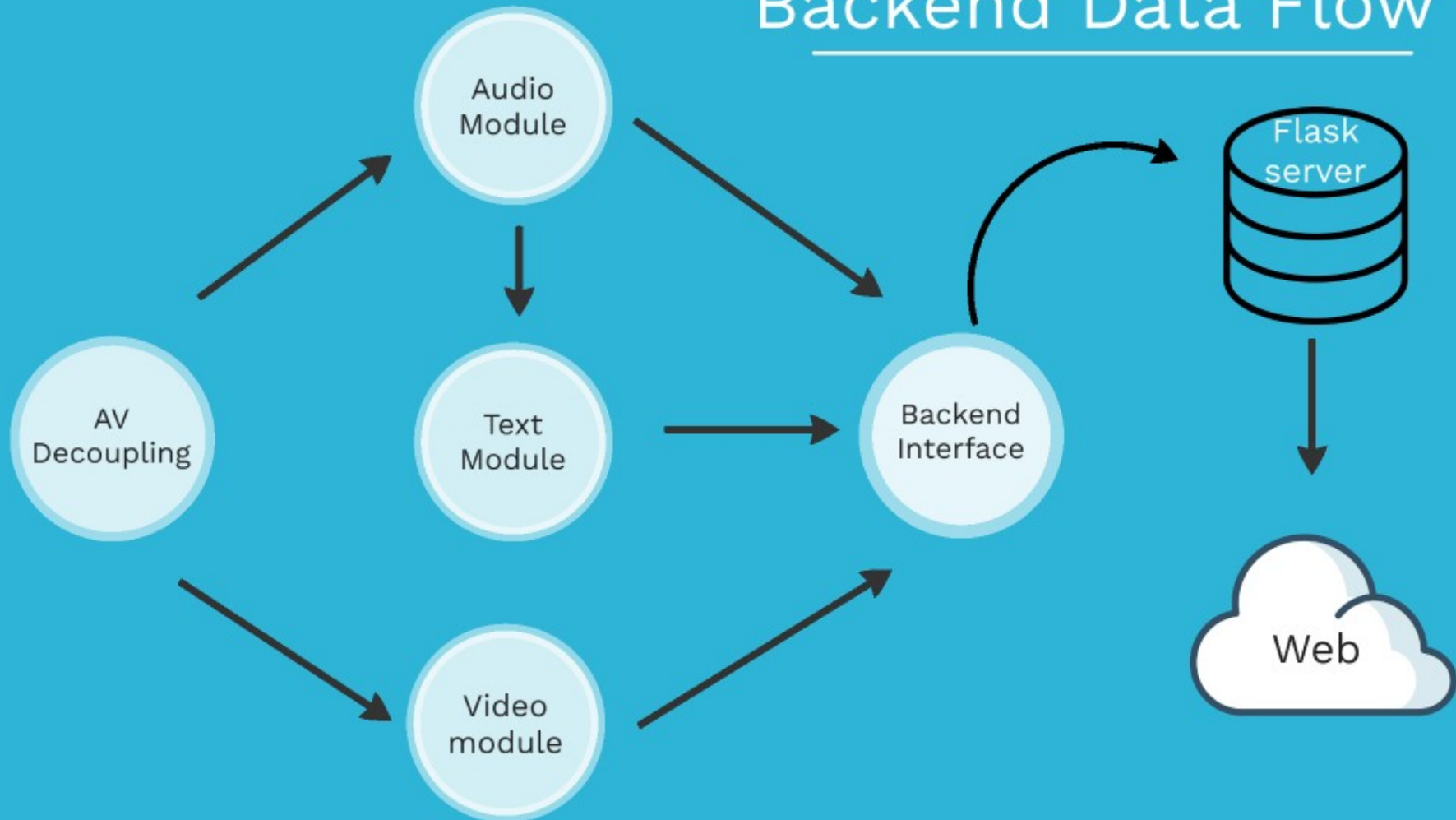
Word Subtraction: over the **lazy** dog -> over the dog

Word Substitution: the fox in socks -> the fox in **stocks**

Sentiment



Backend Data Flow



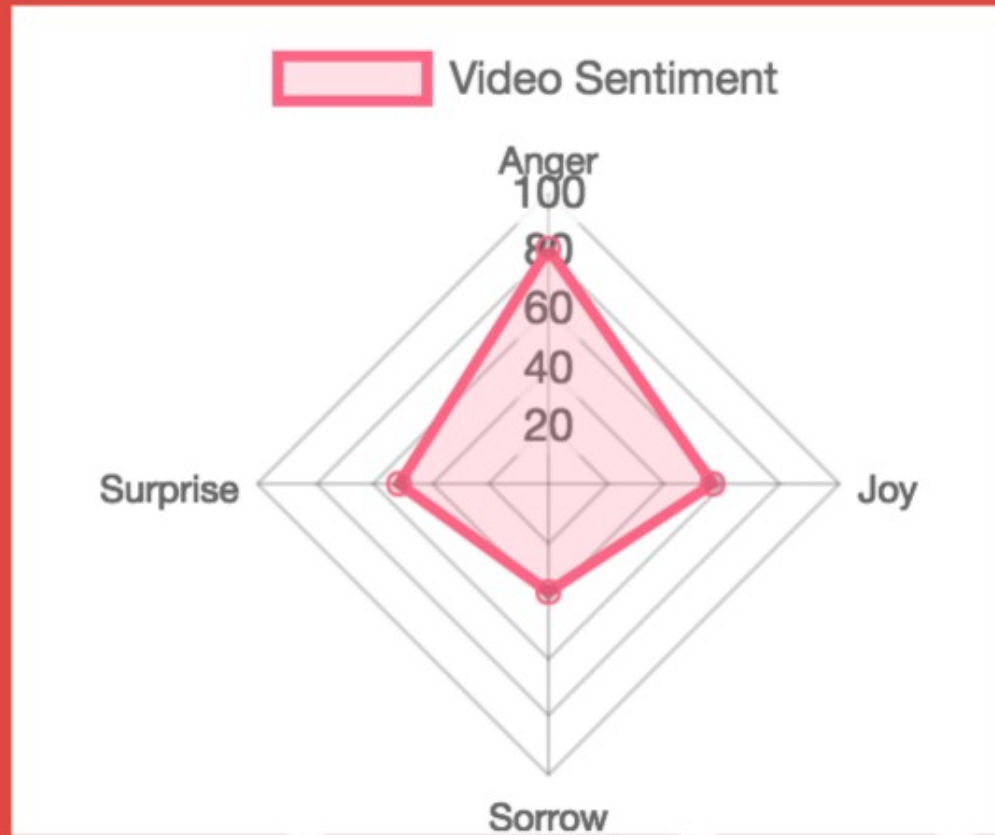
A diagram consisting of a large light blue circle with a white border, centered on a dark blue background. Inside this circle, the word "Video" is written in black text at the top. Below it, two smaller red circles with white borders are positioned side-by-side. The left red circle contains the word "Sentiment" in white text, and the right red circle contains the word "Position" in white text.

Video

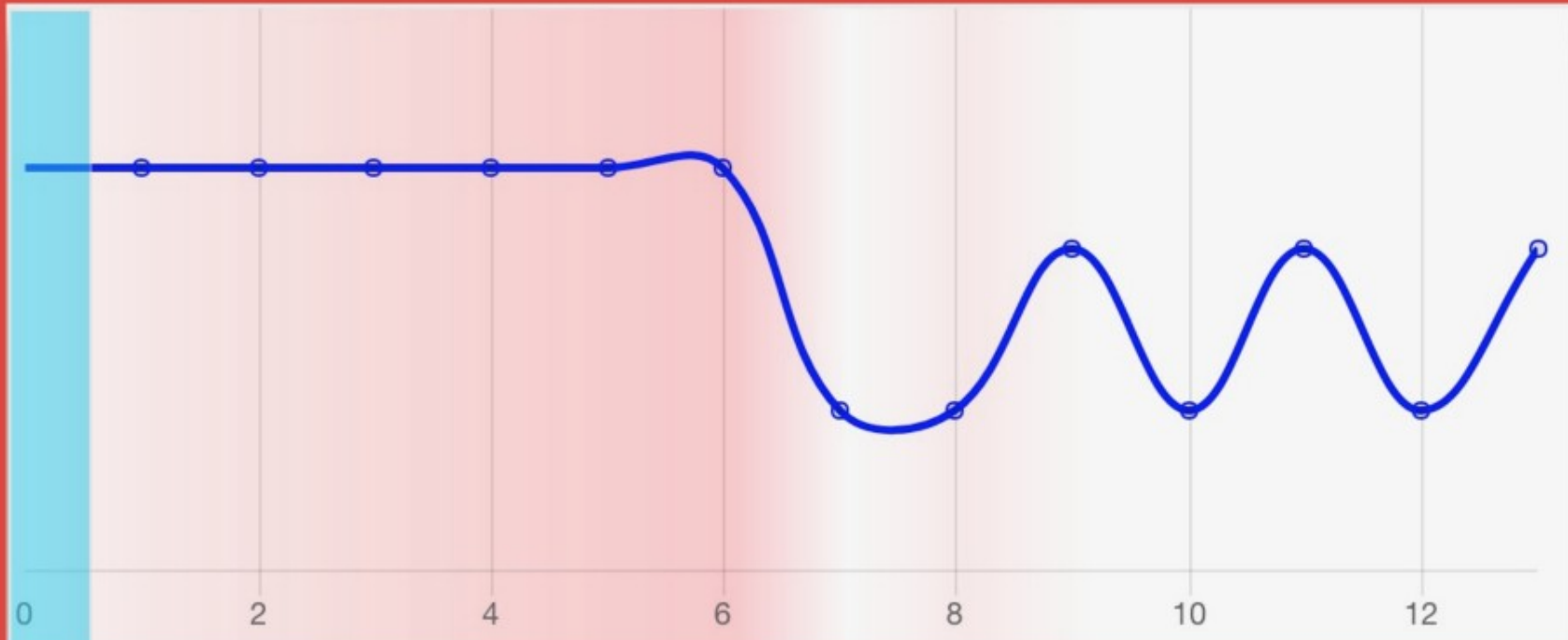
Sentiment

Position

Sentiment

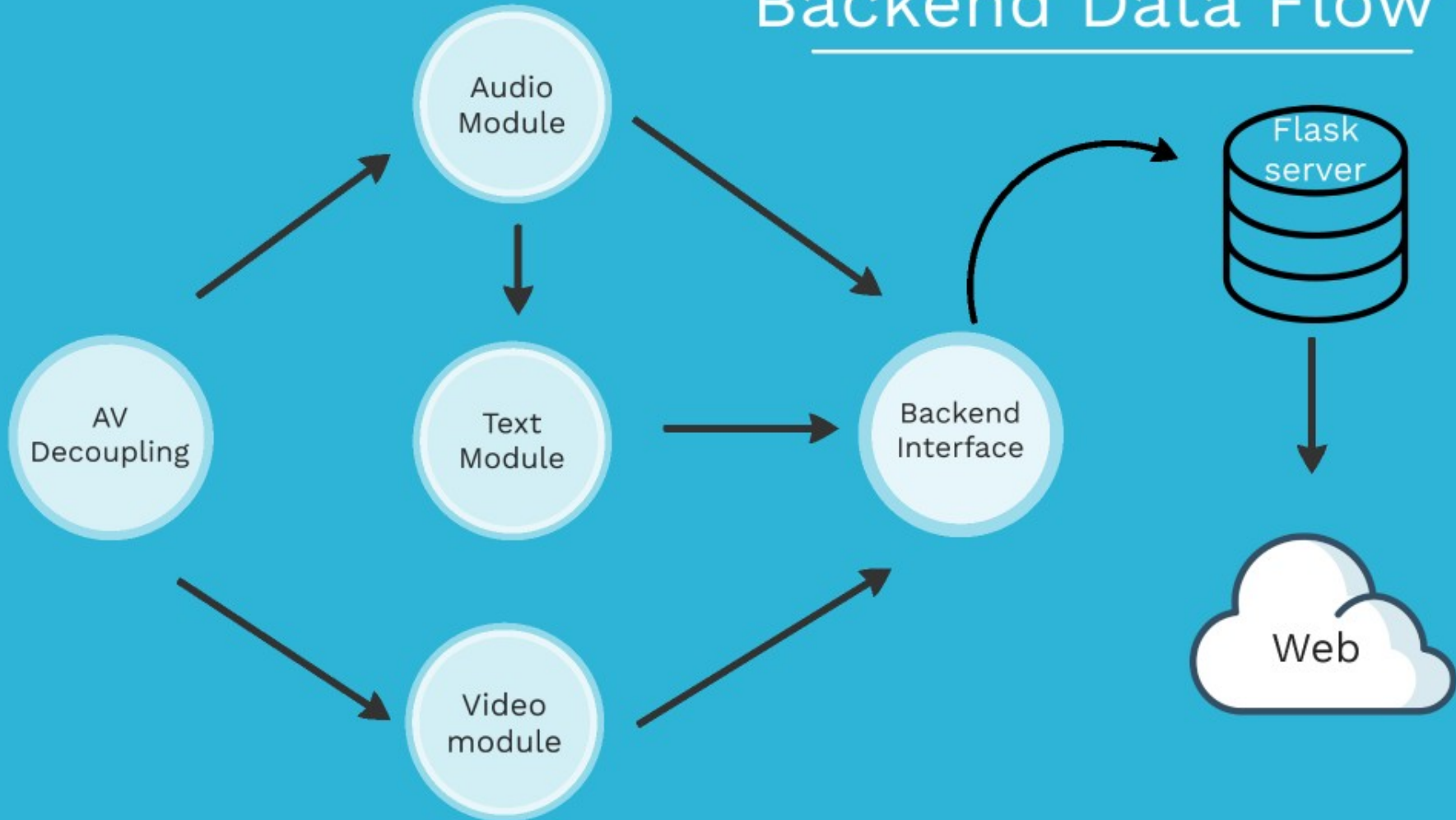


Position



Stage Position vs Time

Backend Data Flow



Backend

- Data Cleaning
- Variance and Correlation
- Graph Building
- Scores and Feedback

Backend Data Flow

