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Scoring Methodology

The app evaluates how well a synopsis summarizes a given article using a combination of semantic and structural analysis:

- **Semantic Similarity**: Uses sentence-transformer embeddings and cosine similarity to compare the synopsis and article meaningfully.

- **Keyword & Readability Analysis**: Extracts key terms and assesses readability (via textstat) to provide deeper feedback.

- **Visual Breakdown**: A radar chart presents five core dimensions — similarity, coverage, clarity, keyword match, and readability — for easy interpretation.

- **Qualitative Feedback**: The app offers brief, actionable comments to help improve the synopsis.

Privacy Protection Strategy

• **Password Protection**: An optional password gate restricts access to authorized users only, preventing unauthorized use or accidental data exposure.

• **No Storage:** Inputs are handled in-memory and discarded after processing.

• **Local Processing**: All AI models and analysis run locally — no third-party API calls or data sharing.

• **Secure Hosting**: Deployed on Streamlit Cloud with session-based isolation.