

# NoteFlow

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# The Problem

**Presentations need flow, not just facts**

- Most speakers “wing it” with bullet points
- Writing notes manually is slow and hard
- Poor pacing and inconsistent tone

# AI Under the Hood

Small, fast, open-source [TinyLlama](#) via Hugging Face

- Hosted using Hugging Face Inference API
- Prompt templates fine-tuned for tone & brevity
- Length constraints based on speaking time

# NoteFlow in Action

One paragraph in, full delivery out

- Paste paragraphs, lists, or rough notes
- Live preview powered by AI
- Scripted, logically paced output

# Choose Your Tone

Tone control via smart prompt injection

- **5 styles: from formal to TED-style**
- **Changes how your ideas are expressed**
- **Tailors voice to audience and setting**

# Control the Timing

From 15 seconds to 5 minutes

- Token + word-based time estimates
- Dynamic output length adjustment
- WPM feedback: ✓ Good Pace,  
🕒 Too Slow, ⚡ Too Fast

# Add Structure

Clarity and flow at your fingertips

-  **Main Idea summary**
-  **Slide Transitions**
- **Modular prompt logic, enabled by toggles**

# Backend Flow

Flask + Hugging Face + React

- Builds and sends prompt to LLM
- Receives output and calculates timing
- Bold keywords and Markdown rendered for UI
- Under 10s round trip time

# Tech Stack

Designed for responsiveness inside Canva

- React + Canva UI Kit frontend
- Flask backend
- Hugging Face model inference
- Tuned tone prompts and safety logic

# Safety & Grounding

Keeping AI output focused and useful

- TinyLlama may embellish with vague input
- Structured prompts anchor generation
- No external data or fact scraping
- Always review the output

# Why It Matters

Across classrooms, videos, and boardrooms

- Slides aren't enough
- Speaking takes structure
- Most tools skip that part

# Thank You

Built for Folioworks Canva AI Agent Challenge

- Try AI-Powered Speaker Notes Generator in Canva
- Contact:  
<https://www.linkedin.com/in/jane-zou-datascience>
- Thanks for watching!