HackArena

Title

INFOUNDER

"AI-Powered Pitch Analyzer"

Theme: Open Innovation

Track: General Track

Team: TrendBytes

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Problem Statement ❓❓

Many startups' founders, students and professionals struggle to deliver confident, effective presentations due to lack of clear, timely and objective feedback on their speaking style, body language and pitch deck design.

Traditional feedback is often subjective delayed or absent - making even great ideas fall flat when slides are unclear or poorly crafted. In high- stakes moments - pitching investors, winning over a class or securing clients - this becomes a critical barrier to success.
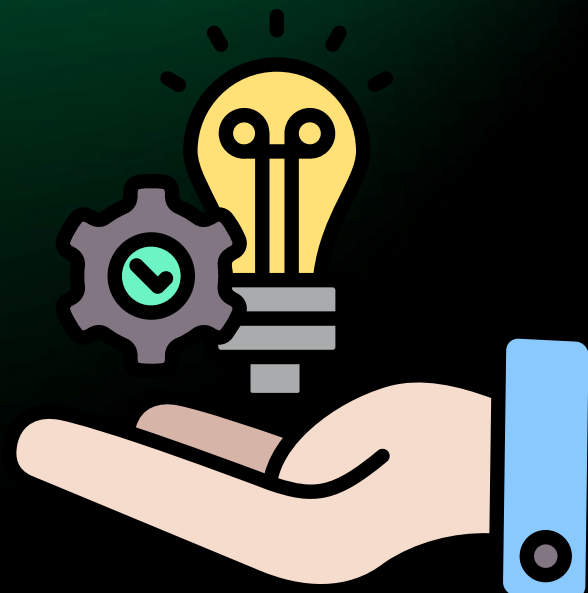
There's also rarely a safe space to practice, get actionable input, and improve – making it hard to build real confidence before it truly counts.

Proposed Solution 💡

➤ AI-powered video analysis to assess speaker confidence through tone, body language, facial expressions, and speech clarity.

➤ Design and layout feedback on the pitch deck for visual appeal, clarity, and readability.

➤ Personalized improvement report with actionable suggestions to enhance both presentation delivery and slide quality.

➤ Slide content evaluation using AI to identify missing key elements and compare with top pitch deck templates.

Features

➤ Infounder is a tool that allows users to upload their pitch video and presentation deck simultaneously for integrated analysis.

➤ It provides quantitative scores for presentation delivery.

➤ Evaluates confidence and communication through body language, voice, and clarity, while reviewing the pitch deck for structure, content gaps, layout, and design flaws.

➤ Analyzes the pitch video and deck to ensure key investor elements are clear and meet investor expectations.

Unique Selling Proposition (USP)

➤ AI-Powered Pitch Analysis: Infounder analyzes both video delivery and pitch deck content in real time, focusing on body language, vocal tone, presentation style, and clarity.

➤ Investor-Focused Insights: It evaluates structure, messaging, and design to ensure pitches align with what investors seek, providing detailed feedback and scoring.
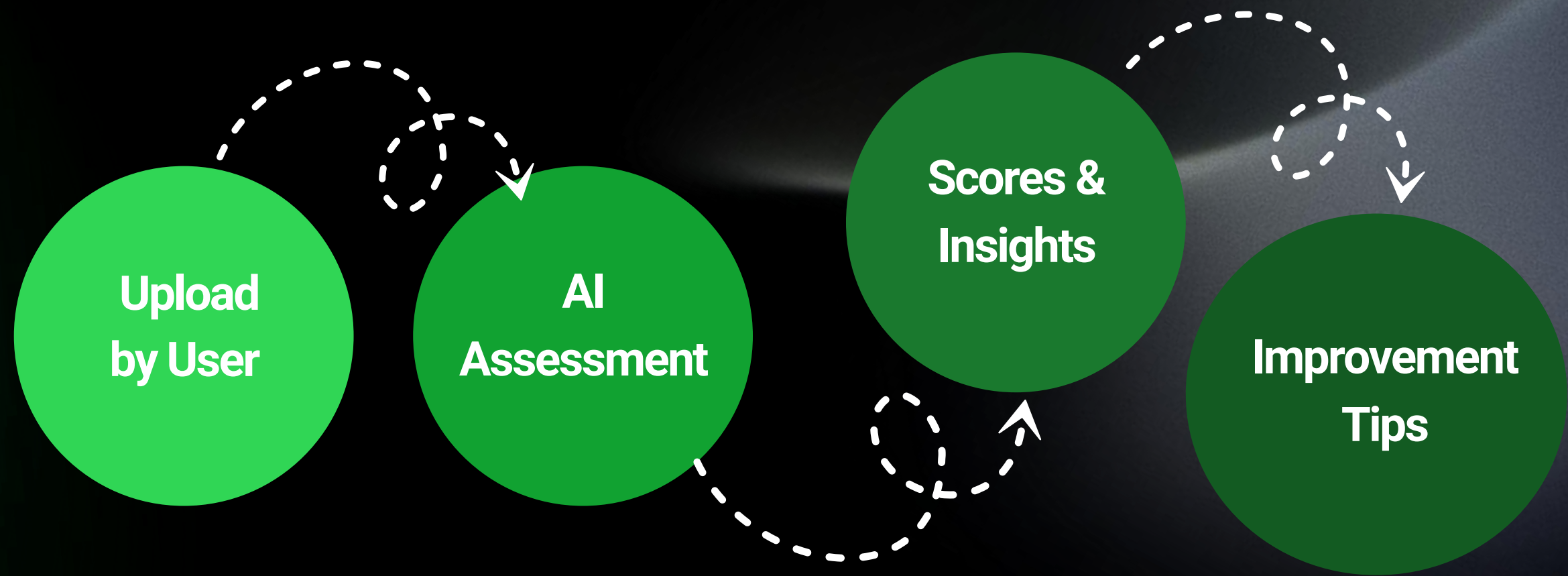
Tech Stack

Frontend:

- Next.js
- Tailwind CSS

Backend:

- Express.js
- Python

AI/ML:

- GPT-4 / Gemini (via API)
- TensorFlow
- MediaPipe

Database / Storage:

- MongoDB
- Supabase

Similar Projects

Tool / Project	Video Analysis (Speaker Delivery)	Pitch Deck Analysis	Real-Time Feedback	Personalized Suggestions	Infounder Comparison Summary
Infounder (Our Project)	Tone, body language, expressions, clarity	Structure, design, content, gaps	Yes	Highly tailored	All-in-one platform with integrated AI feedback loop
Evalyze	✘	Visual & content checks	✘	Partial	No delivery analysis; deck feedback only
Pitchflow	✘	Deck + AI summary	✘	✘	Purely deck-focused; investor use more than speaker
Pitch AI	✘	Focus on market/team/opportunity	✘	Metrics only	No design or delivery evaluation
PitchBob	✘	Slide readability & story	✘	General	No speaker insights; limited to design suggestions
Pitch Guide	✘	150+ checks, structure, clarity	✘	Detailed report	Strong on decks, but no speaker analysis
Peachscore	✘	Slide scoring, storytelling	✘	Score-based	Good on metrics; lacks tone and delivery input
PitchYourIdea.ai	Tone, pacing, expression	Yes	Yes	Basic	Closest alternative, but lacks structured tracking
Winner Pitch	2-min speaker analysis only	✘	Yes	Brief tips	Video-only, very limited deck integration
Storydoc	✘	Interactive decks	✘	Design enhancement	Focus on deck generation, not feedback or delivery
Beautiful.ai	✘	Design-focused automation	✘	Visual suggestions	Auto-design builder, not an analysis tool
Upmetrics	✘	AI pitch deck + biz plan	✘	Creation aid	Emphasis on creation, not delivery or performance