AI <u>for</u> and <u>against</u> speech generation

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Research team and collaborators

Adriana STAN
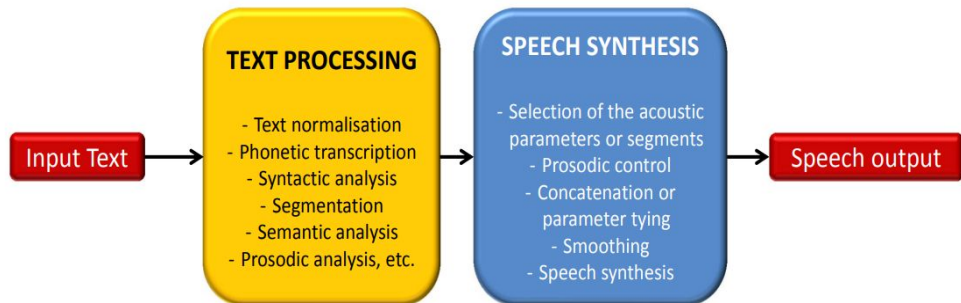
David COMBEI

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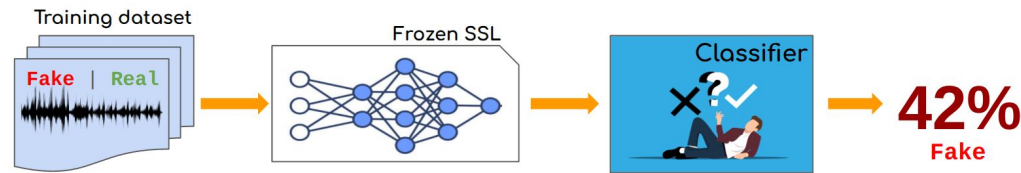# Speech generation (aka Text-to-speech synthesis)

- ❑ Tools and resources for **Romanian** TTS
- ❑ **Neural** and **deep neural** systems
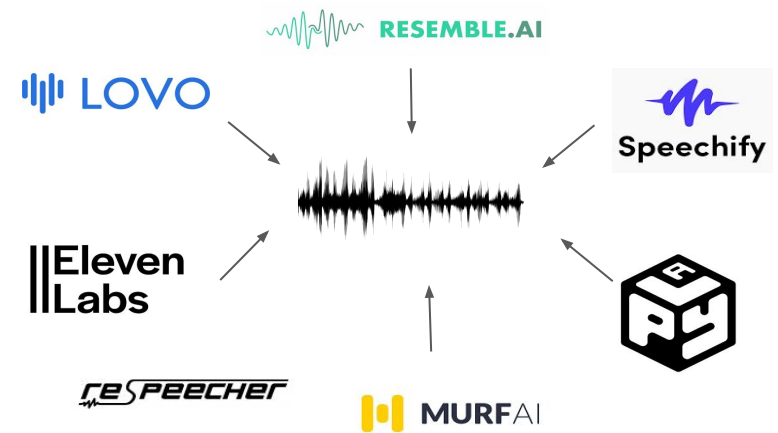- ❑ **Few-shot** and **zero-shot** adaptation towards target identities

Audio deepfake detection

42% Fake

EU Horizon "AI4Trust" (no. 101070190) (2023-2026)

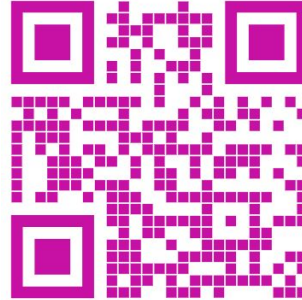**Spot real-world deepfakes** - tailor made to deceive

Model attribution - which TTS tech generated the sample?

Collaboration inquiry/offer

Open for **research collaborations** and **joint research proposals** on

speech and audio processing

Scan for more