Speaker Verification

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What is the question?

Is the speaker the person he/she claims to be?

Type 1
Text dependent

Type 2
Text independent

Classical and Modern models
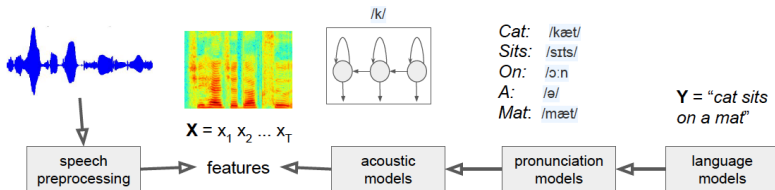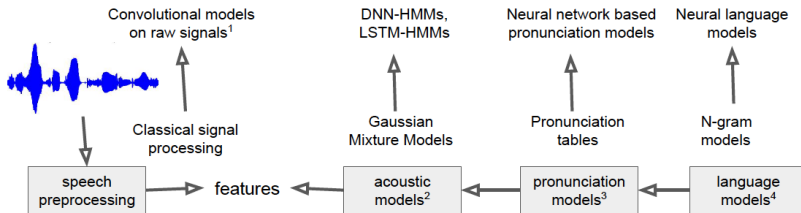

Figure 2: Classical model. Link

Figure 3: Modern model. Link

Barriers

Affordable, production-quality voice data for training new applications.

There are no good quality open source engines for speech recognition and speech synthesis.

Lack of encourage for open research

ERRORS IN OTHER COMPONENTS

End-to-End Text-**Dependent** Speaker Verification

Global password

End-to-end models

End-to-End Text-**Dependent** Speaker Verification

Global password Ok Google

Speaker Verification Protocol

Training	Enrollment	Evaluation
Representation of speaker	Estimate a speaker model	Scoring functions