in in

THE RESERVE

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- TTS (text to speach) => input is text -> output is spoken audio o goal: to convert text into natural Human - Like speach

Shrs: 1) text analysis/normalization

· Convert num, abbreviations etc into sporm from theleadollar Fifty cents

- 2) Phenome conversion.

 . translate words into their phonetic pronounciation
- 3) Prosody Prediction

 · Predict Pitch , Rhythm, and stress patterns to make spread sound natural (insted of robotic)
- 4) Wave form Congration
 - · Earlier: Consatenative TTS Stitched tog, the pro recorded human voice samples
 - . Later: parametric FTS generated sprech from acoustic parameters (115) notwel sounding)
 - · NOW . Newfol ITS Newfol vocaders Live WarrNet
 generate extremely realistic ware forms
- Modern pipeline Example (Facotion 2 +ware Net)
 - 2) tacotron 2 takes text, outputs a mel spectro grall (time vs Frequency plot , t andio energy)
 - 2) Ware NET / Hisi GAN takes that spectrogram, generates
 realistic audio ware forms