FINAL DELIVERABLE(TTS)

TEAM ID: PNT2022TMID18706

ESATABLISHING THE TEXT-TO-SPEECH SERVICE

1) INSTALLATION OF WATSON VERSION:

CODE:

Pip install—upgrade "ibm-watson>=6.1.0"

RESULTS:

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Microsoft Corporation. All rights reserved.
   Nisers lawaryappip Install --apprade "lbm-watson>=5.1.9"
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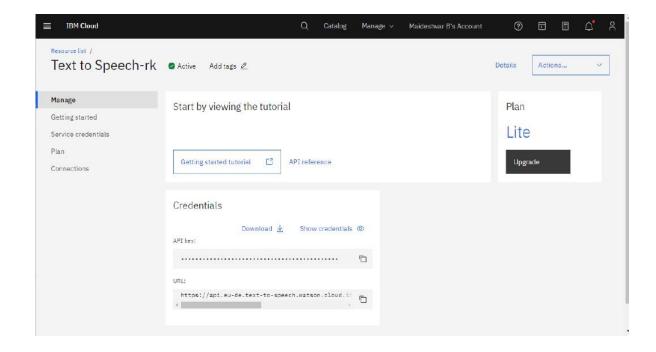
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  MVIMC fow are using pix version 21.3.1; towever, version 22.3.1 is available.
W should consider upgrating via the 'c |userstlavanyalappdata\locallyprograms|python|python|python.exe -∉ pix install --upgrada pip' command
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2) COPYING CREDENTIALS FOR API AND URL:



3) PROGRAM FOR ACESSING APIs OF TTS SERVICE:

from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import
IAMAuthenticator authenticator =
IAMAuthenticator('7NcRcpMT221nhk1kB5DTsWpKGQgjKFaWKa7Ao1BU7zQ') text_to_speech = TextToSpeechV1(
authenticator=authenticator)
text_to_speech.set_service_url('https://api.eu-gb.text-tospeech.watson.cloud.ibm.com/instances/e7133289-0146-4193-a7d5-b354d6831556') with open('para.wav', 'wb') as audio_file: audio_file.write(text_to_speech.synthesize('its the time to take paracetomal', voice='en-US_AllisonV3Voice', accept='audio/wav').get_result().content)

EXECUTION AND RUN:

