Please note that this is a simplified version and does not include the implementation of the audio\_to\_morse function. Converting audio signals into Morse code is a complex task that would involve signal processing techniques, which is beyond the scope of this example. You might need to use a library like librosa for audio processing and a machine learning model for the Morse code recognition.

Also, this script assumes that Morse code is represented as dots (.) for short signals, dashes (-) for long signals, spaces ( ) for intra-character gaps, and slashes (/) for inter-word gaps. You would need to adjust this according to the actual representation in your audio file.

Finally, this script saves the output as a .docx file. If you want to print the output as well, you can add a print(text) statement in the main function.

Remember to replace "path\_to\_your\_audio\_file.wav" with the actual path to your audio file and install necessary libraries by running pip install python-docx wave.

This code is a starting point and might need adjustments based on your specific requirements and the format of your input data.