"Good afternoon everyone, today I wanted to share with you my thesis project which focuses on using Python and the Azure Face API for facial recognition tasks. I've created a script that can recognize emotions and faces in an image, create a face group, add a known face to the group, and identify a face in an image.

To start, the script imports the necessary libraries and defines the subscription key and endpoint for the Azure Face API. Then, it defines a function called recognize\_emotion\_and\_face that takes an image path as an input and returns a dictionary of emotions and faces information.

The script then goes on to create a face group and add a known face to the group using PUT and POST requests. Afterwards, it uses a POST request to identify a face in an image by passing the largePersonGroupId parameter and the image data.

To demonstrate the functionality of the script, I call the recognize\_emotion\_and\_face function with the image path of "Build\man.jpg" and print the response.

Lastly, I want to note that I've made sure to include exception handling in case there's an error during any of the requests made to the Azure Face API.

Overall, I'm really proud of what I've been able to accomplish with this project and I hope it serves as a good example of how we can use Python and the Azure Face API for facial recognition tasks."

As for the PowerPoint, you could include some visuals such as screenshots of the code or the responses from the API. I plan to include diagrams or flowcharts to help explain the process. And I won't forget to add a slide or two about the significance of my project and the potential applications of facial recognition technology.