Final Reflection

Problems

Blob Storage SAS

After I had trained my custom form recognizer in step 2, I tried to test it by uploading the test documents to a container in my azure storage resource. I was able to upload the documents but I wasn't able to generate a SAS for each of the test documents as directed in the demo.

Solution

I had to use the file from my local directory to test the custom form recognizer

Face group – Person group

I did not really see the importance of building a face group in the project. I know it was meant to be used for the face verification with the image detected from the passenger's ID but It didn't work. I tried using the face API 'face.verify_face_to_person' but it wasn't successful. I also noticed that even in the demo, one of the saved faces from the extracted thumbnails was used for the face verification.

Solution

I built a function to extract the face information from the thumbnail generated from the video analyzer. This function returned the face UUID and this was used to verify the passenger's face with the face on the ID card.

Emotion/sentiment extraction

There was no emotion or sentiment extracted from my recorded video even though I smiled in the end and this was not even indexed by the video indexer

Conclusion

The project was great all in all and it was fun to work with azure cognitive services while learning about how they work and their documentation. The model monitoring was also new for me and I learnt a lot throughout the process. Thank you.