

Purpose: The purpose of this project was to creatively apply makeup to the face of Nicholas cage. The image was contained in a shared folder, and had to be accessed using the google drive API, before being altered programmatically.

Challenges: Some challenges faced when creating a solution was to find an appropriate package capable of completing the apply_makeup task. A few packages were either broken or out of date(pyvisage), and some other packages may have overly complicated the task.

Modules: auth, drive_access, my_image_processing

Architecture: drive_access obtains details for access to the google drive folder
sends the details to auth.py for authorization of access
drive_access then downloads the image of nicholas_cage.jpg
sends the image over to my_image_processing
my_image_processing uses a function: apply_makeup to change the picture
my_image_processing finally displays the altered image.

Below is a sample of the final product!

BEFORE



AFTER



Acknowledgement and Modules: Google-API-Tutorial (Sam Lopez), Image and ImageFilter modules

****Please feel free to delete the image of NicholasCage in the zipped folder, and run the code. It is only present for completion purposes.*