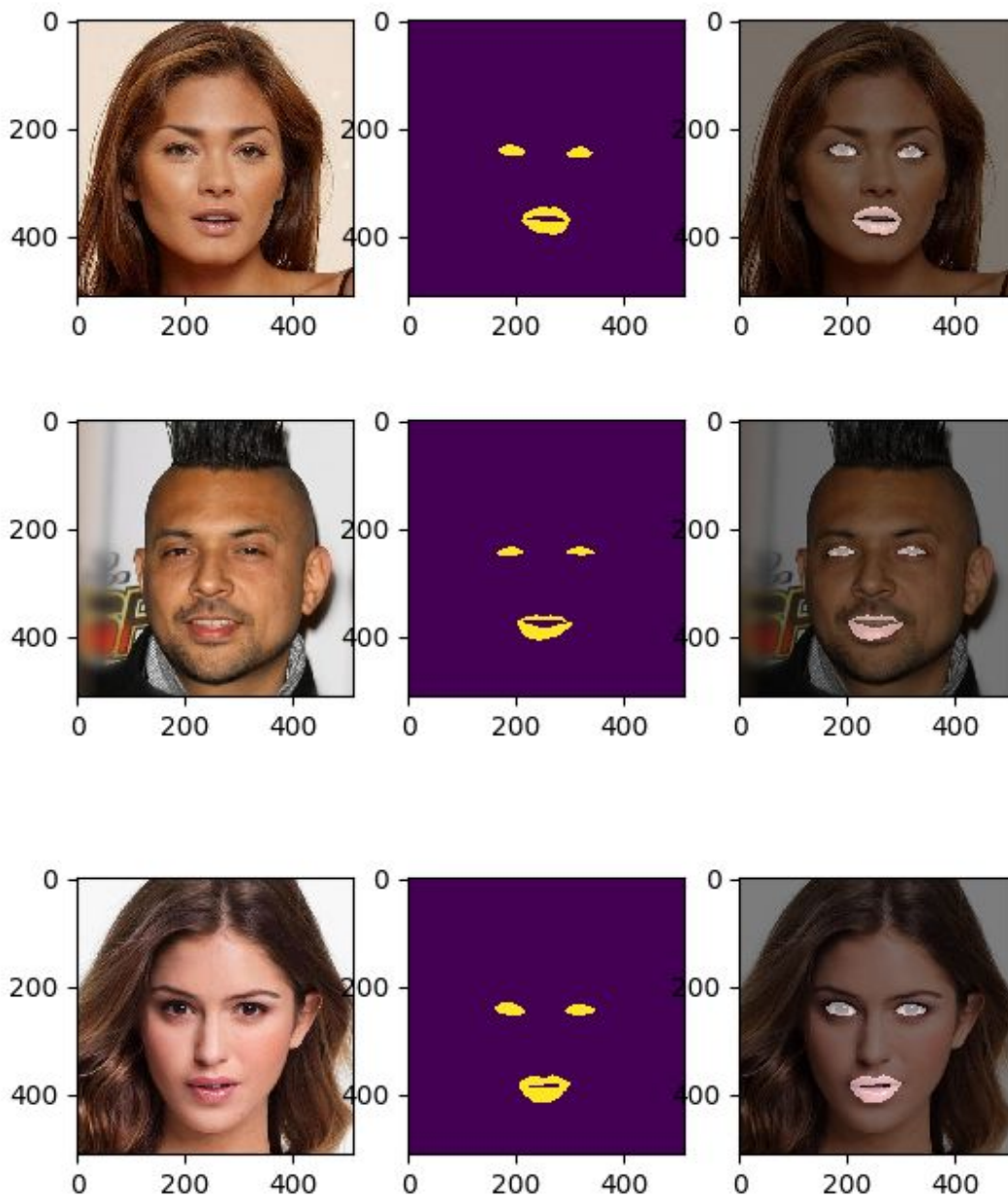


Basic Task: Eyes and Lips Segmentation

This task is to test a basic level of competence in your coding skills and should be approachable to even those with limited exposure.

TASK

- Your task is to segment only the eyes and lips for a given face image.



Left : input face image (**INPUT**)

Middle : mask with eyes and lips segmented (**OUTPUT**)

Right : segmentation mask on input face image (**OUTPUT**) (use `cv2.addWeighted(image, alpha = 0.5, mask, beta=0.5, gamma=0.0)`)

TASK BACKGROUND

Image segmentation is the division of an image into regions or categories, which correspond to different objects or parts of objects. Every pixel in an image is allocated to one of a number of these classes.

DATASET

<https://github.com/switchablenorms/CelebAMask-HQ/>

NOTE

You are not allowed to use any landmark detection methods and create the mask.

Image segmentation or other computer vision techniques are allowed to be used.

- The solution should be well documented, along with the data preprocessing, augmentation, code scripts and model files if any
- All training and inference related codes (either zip or repo URL)
- Provide your training and validation metrics. Explain other evaluation metrics which can be used
- Explain all the hyperparameters used and how did you end up using them only
- Submit your code/repo at code@gofynd.com
- You can use google Colab for training your models. A Colab notebook with all steps and detailed explanation for every step is also welcomed in your submission zip

For any clarification please drop a note on code@gofynd.com