Green Screen Car

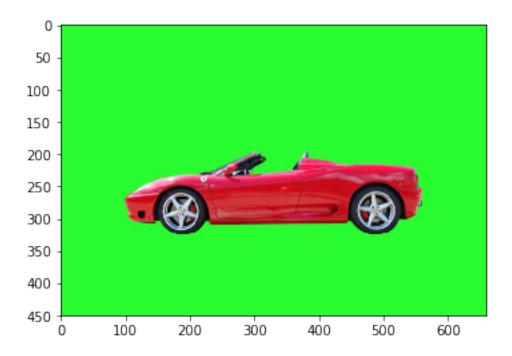
April 26, 2018

1 Color Masking, Green Screen

1.0.1 Import resources

```
In [1]: import matplotlib.pyplot as plt
import matplotlib.image as mpimg
import numpy as np
import cv2
%matplotlib inline
```

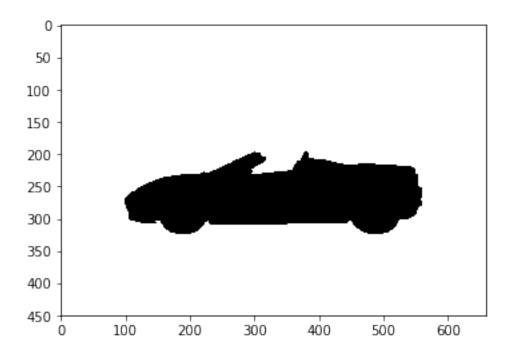
1.0.2 Read in and display the image



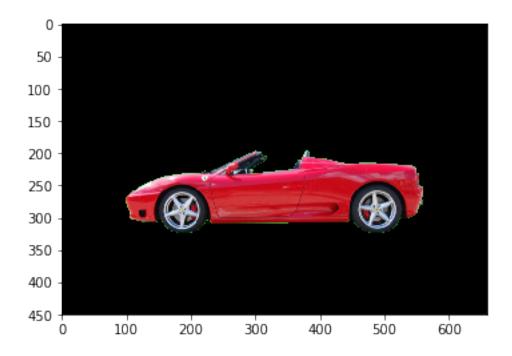
1.0.3 Define the color threshold

1.0.4 Create a mask

Out[6]: <matplotlib.image.AxesImage at 0x7f418ecacc50>

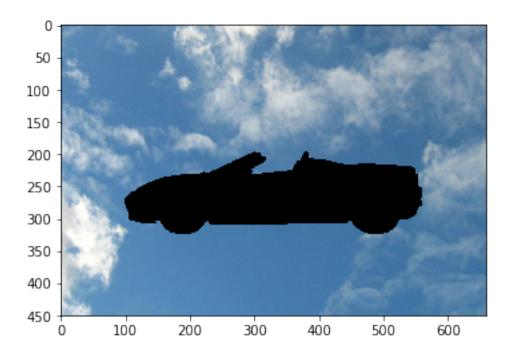


Out[7]: <matplotlib.image.AxesImage at 0x7f418ec18cc0>



1.1 TODO: Mask and add a background image

Out[12]: <matplotlib.image.AxesImage at 0x7f418d28fe10>



1.1.1 TODO: Create a complete image

```
In [13]: ## TODO: Add the two images together to create a complete image!
# complete_image = masked_image + crop_background
complete_image = standard_image + masked_image
plt.imshow(complete_image)
```

Out[13]: <matplotlib.image.AxesImage at 0x7f418d1f6f28>

