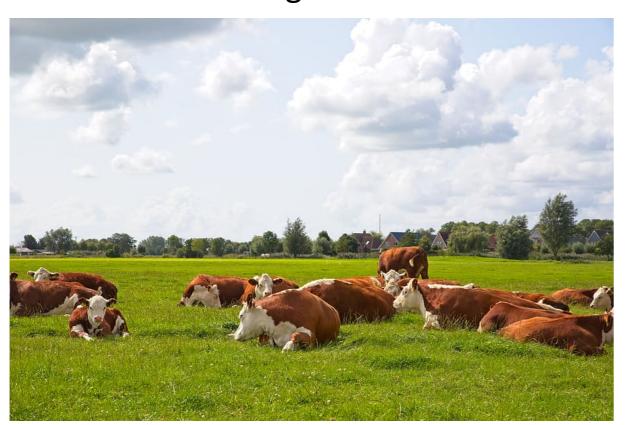
Color Transfer Between Images

Student: Ip Hei Man Supervisor: A/P He Ying

Project Objectives:

- To implement and evaluate previous Color Transfer algorithms
- To propose a Regional Color Transfer algorithm involving Deep Learning

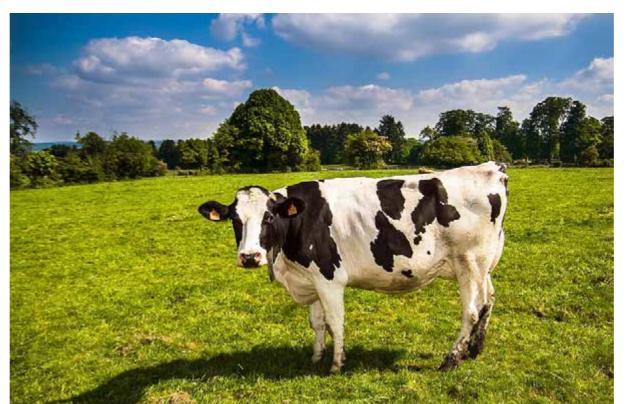
Previous Work:













Proposed Algorithm:

- Perform foreground-background segmentation with pretrained ResNet101 FCN
- Generate background Superpixels with efficient graph-based segmentation
- Segment background Superpixels into 'Sky', 'Vertical' and 'Ground' classes using Boosted Decision Tree
- Perform Color Transfer in each class

Original Target

