

- **Neural style transfer**
- **Visualize the input**
- **Fast Style Transfer using TF-Hub**
- **Define content and style representations**
- **Intermediate layers for style and content**
- **Build the model**
- **Calculate style**
- **Extract style and content**
- **Run gradient descent**
- **Total variation loss**
- **Re-run the optimization**
- **DeepDream**
- **Choose an image to dream-ify**
- **Prepare the feature extraction model**
- **Calculate loss**
- **Gradient ascent**
- **Main Loop**
- **Taking it up an octave**
- **Optional: Scaling up with tiles**