1.

2.

Style tags?

Different position suggestion according to styles(for examples, different labels we assign to the database )

Pose Suggestion:

Several simple categories (Stand, sit, jump, stretch,)

Identify “Person” and “Item” and their correlation (position, scale, angle)

Select important items user want to preserve (fewest pixels in front of it)

Train Input: (Training Phase)

Array of features draw from database

[ Existing features of input image

……

Person Position ------> NN(hidden layers) ------->Rated Score

Person Scale

]

Trained Input: (Application Phase)

[

Existing features of input image

……

Generated Position (Change these values and get the highest score)

Generated Scale

]

------> NN(hidden layers) -------> a bunch of scores(Select the Generated parameters which give the highest score)

1.

Automatic Image Cropping using Visual Composition, Boundary Simplicity and Content Preservation Models

<http://www.cs.dartmouth.edu/~chenfang/paper_pdf/FLMS_mm14.pdf>

Datasets:

<http://mmi.tudelft.nl/iqlab/A&A.html>

<https://research.google.com/ava/>

AVA aesthetic visual analysis:

<https://github.com/mtobeiyf/ava_downloader>

1/31 Meet with Kara:

Study the state-of-the-art, what method did they use, what do we want to achieve based on their work?

Think about the work to prepare for the dataset.

Clearly describe the question, what output do we want to produce, how do we measure success?