



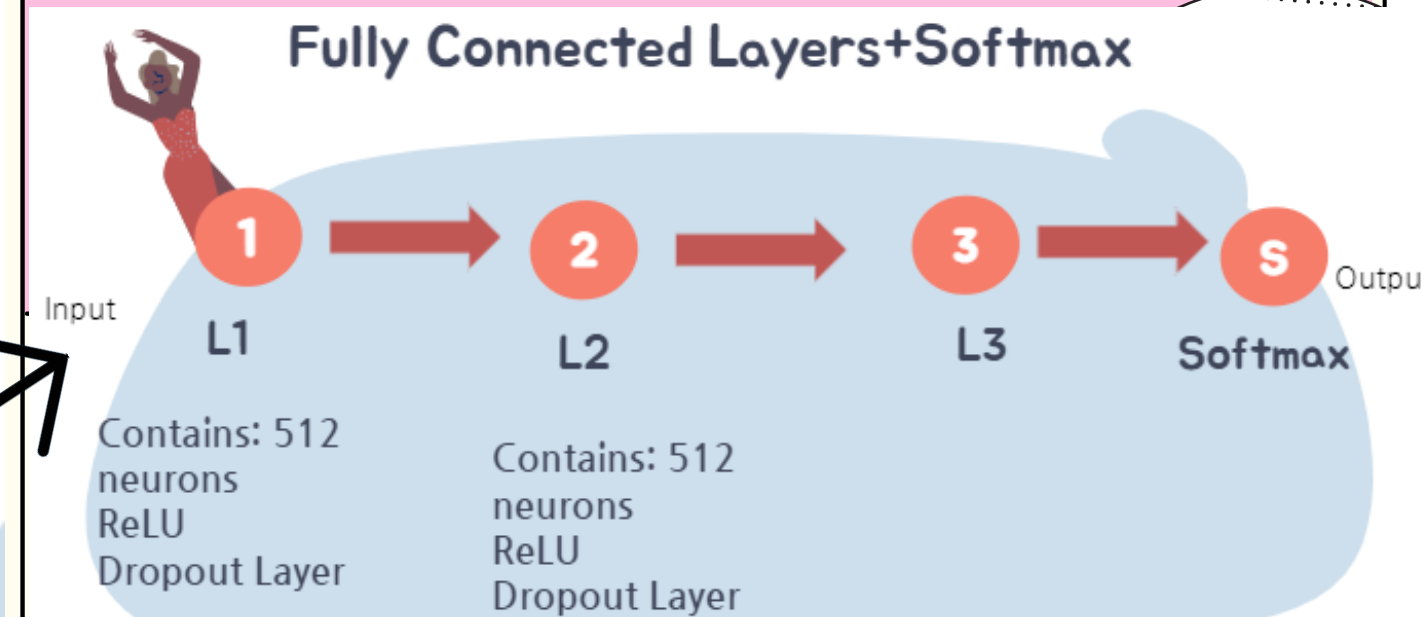
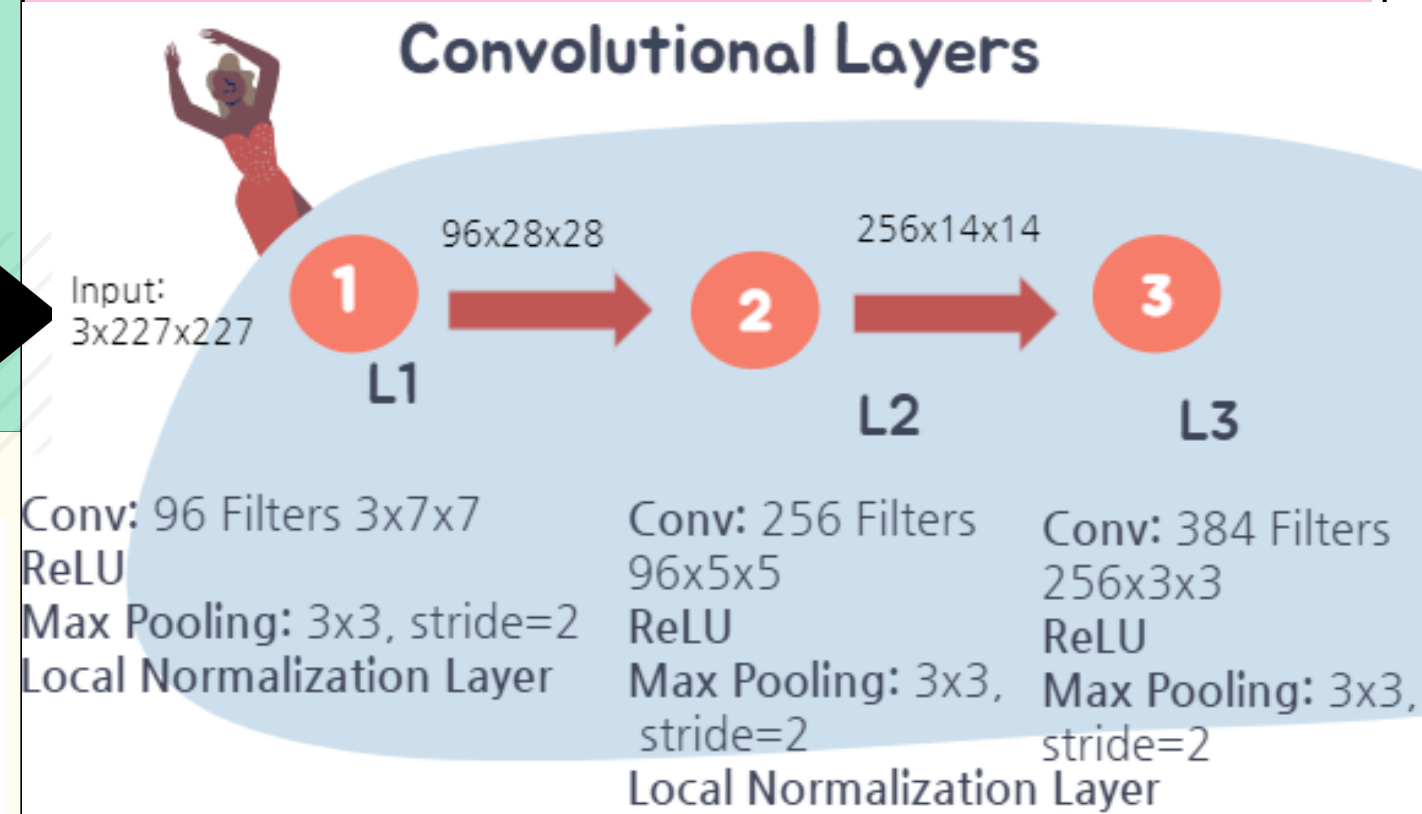
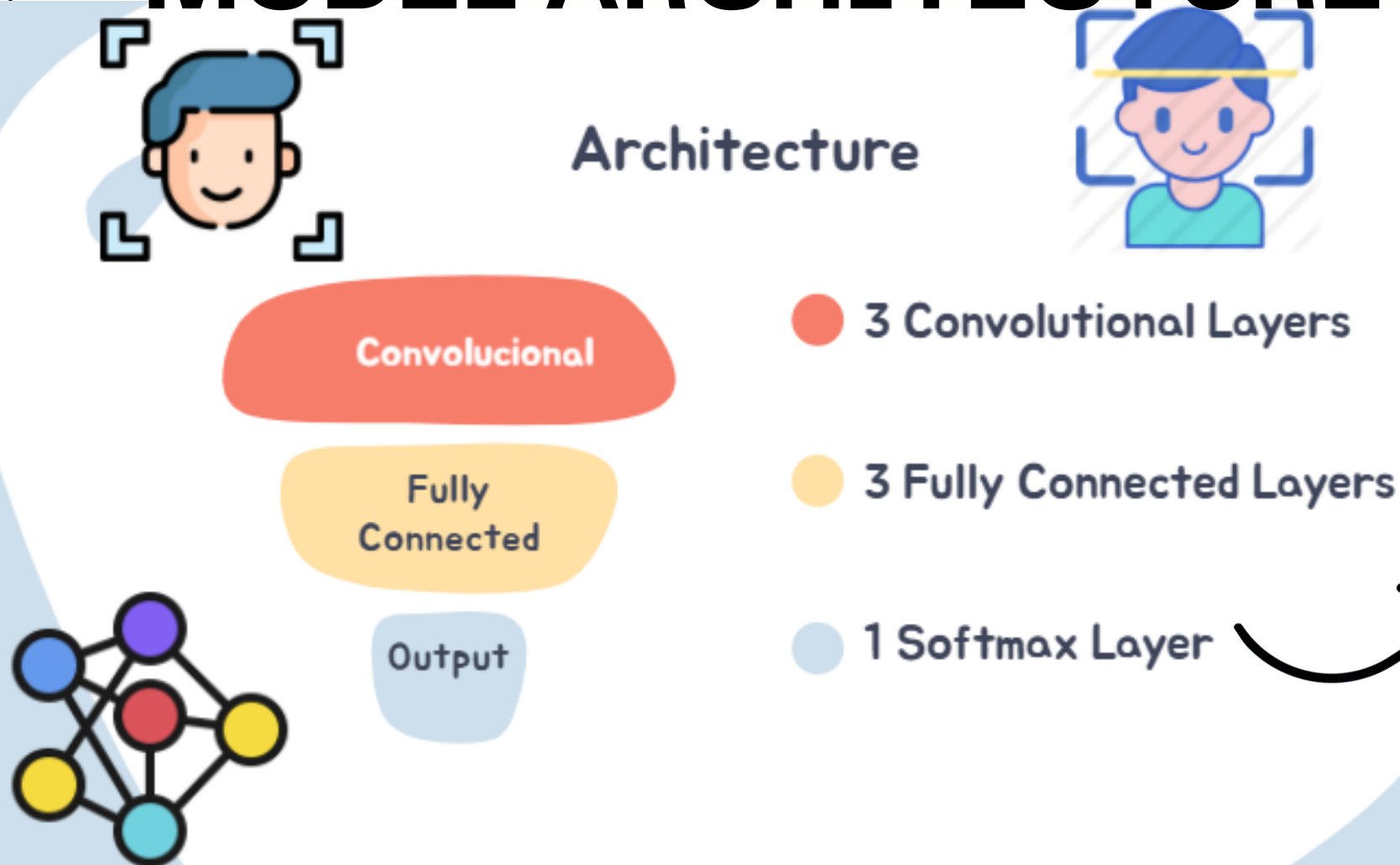
AGE AND GENDER PREDICTION

BASED ON AGE AND GENDER CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS BY GIL LEVI AND TAL HASSNER.

Important & Useful

- Play fundamental roles in social interactions.
- Languages and cultures reserve different greetings and grammar rules depending on age and gender.

MODEL ARCHITECTURE



DATASETS COMPARISON

Adience Benchmark

Unconstrained Data

Difficult to work with

Uncentered faces

UTK Faces

Processed data

Easy to work with

Centered faces

CONCLUSIONS

Gender and age classification improve significantly with centered and processed face images.

Over sampling is important to help the training of the neuronal network.

