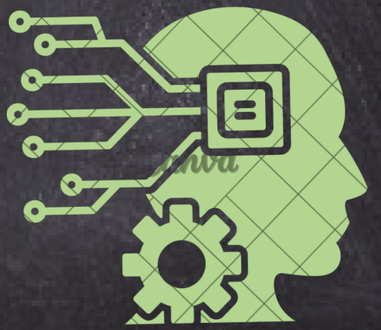
Age & Gender Detection Based on Images Using Attentional Neural Network

Fariha | Cobalt Kangaroos



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Used Technologies

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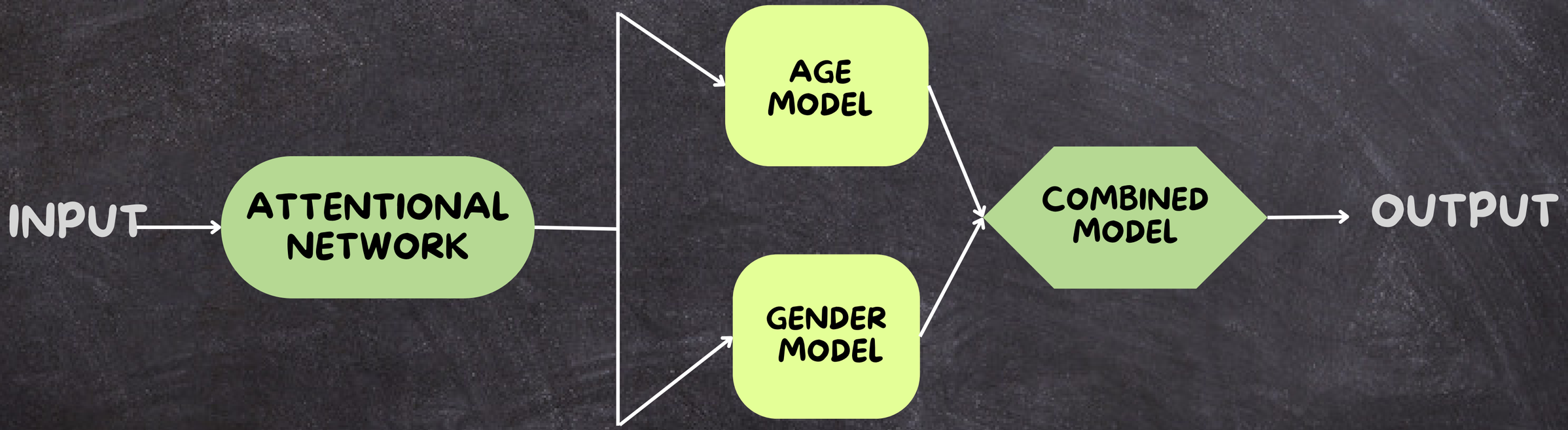
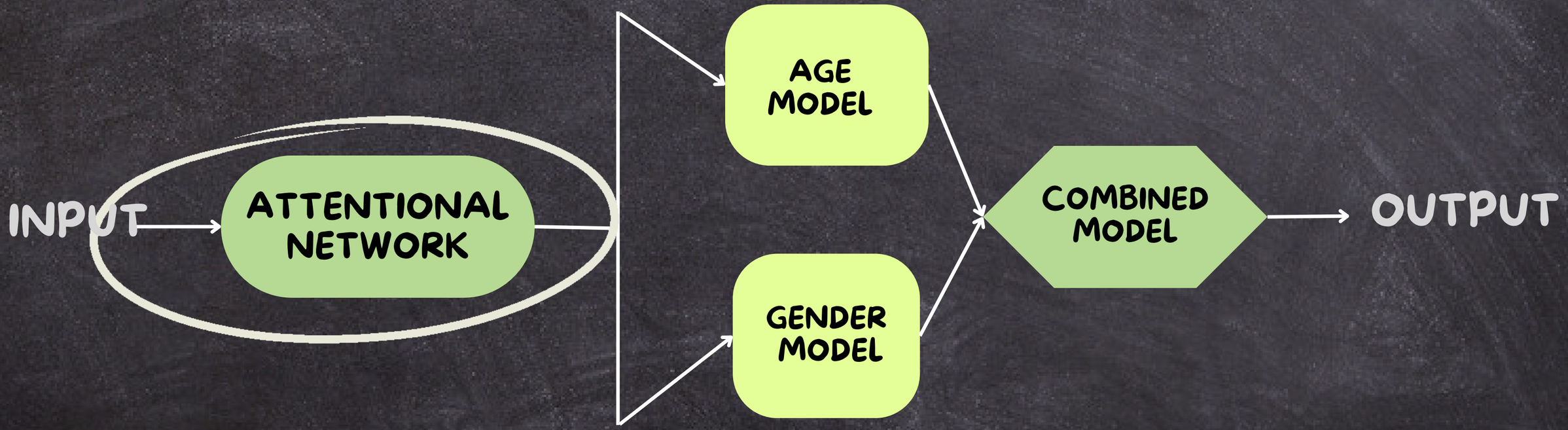
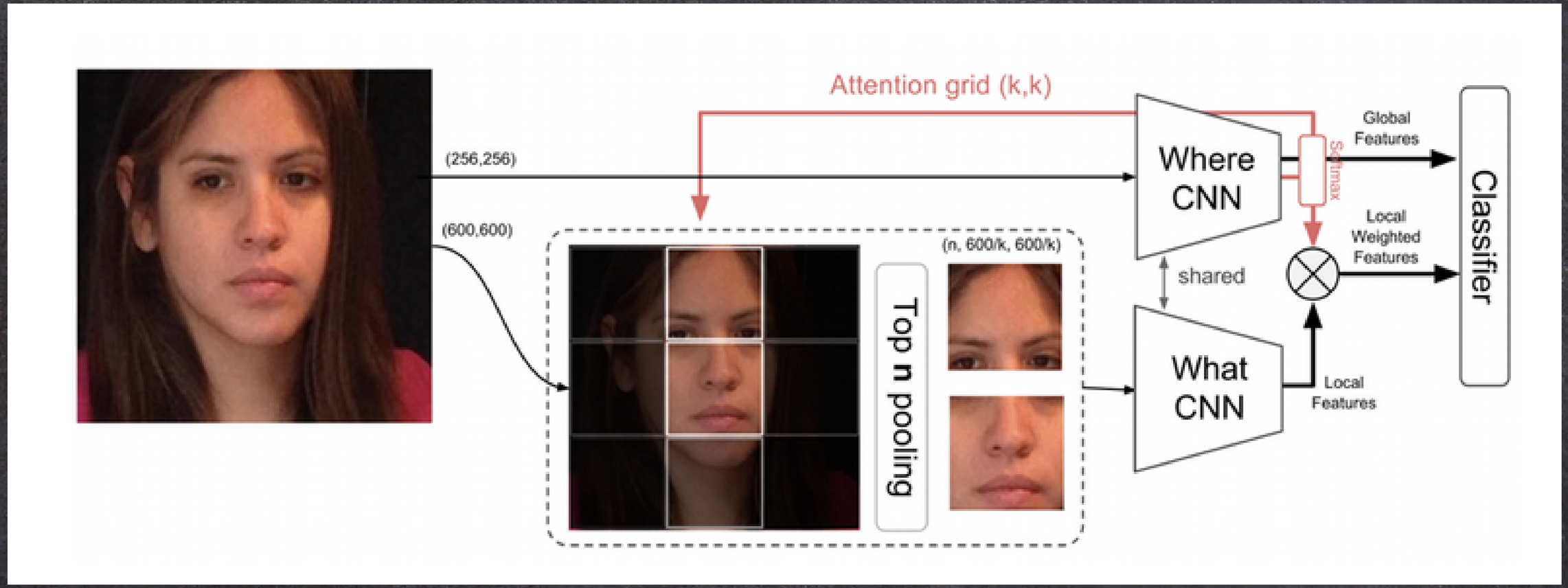
Model Architecture

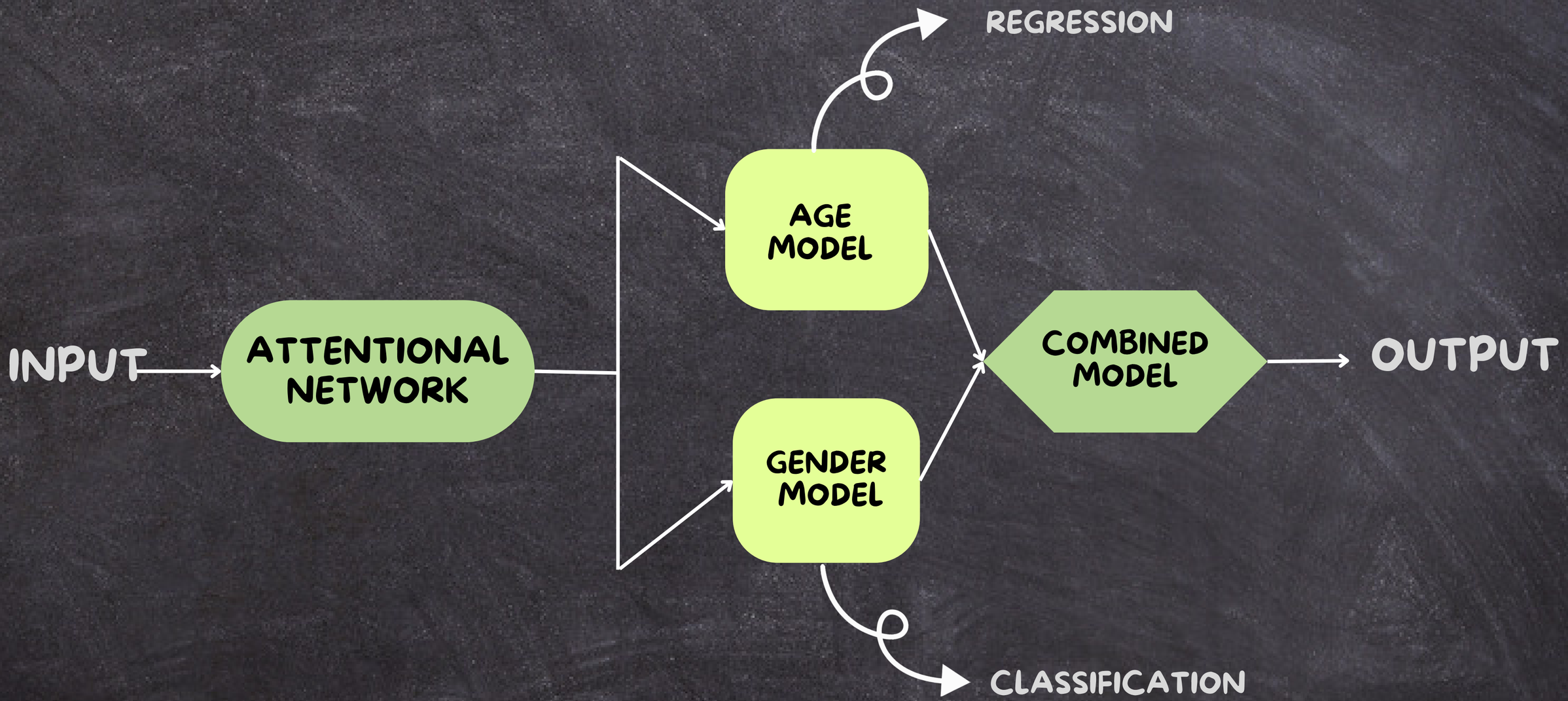


Model Architecture





The proposed attention model by Rodriguez et al


INPUT
ATTENTIONAL NETWORK
AGE MODEL
GENDER MODEL
REGRESSION
CLASSIFICATION
COMBINED MODEL
OUTPUT

USED TECHS

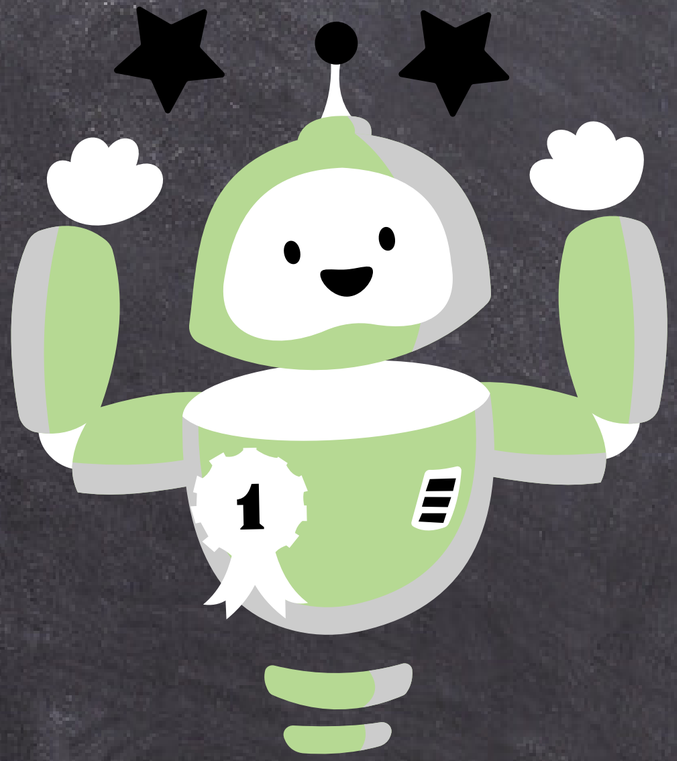
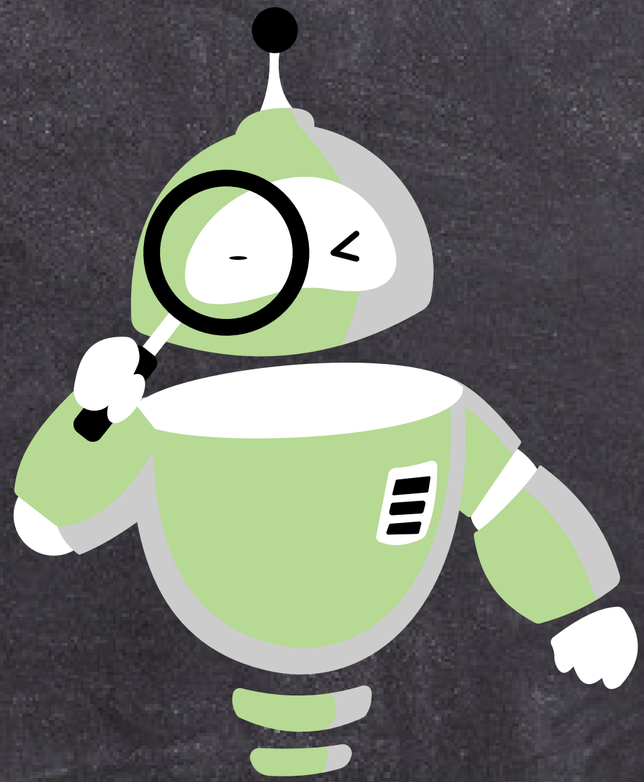
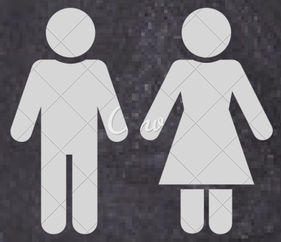
1. Deep Learning Pretrained Models
2. Attention Mechanism
3. Ktrain

Model Performance

UTKFACE DATASET

AGE: 4.8 MAE

GENDER: 89%



Project Demo