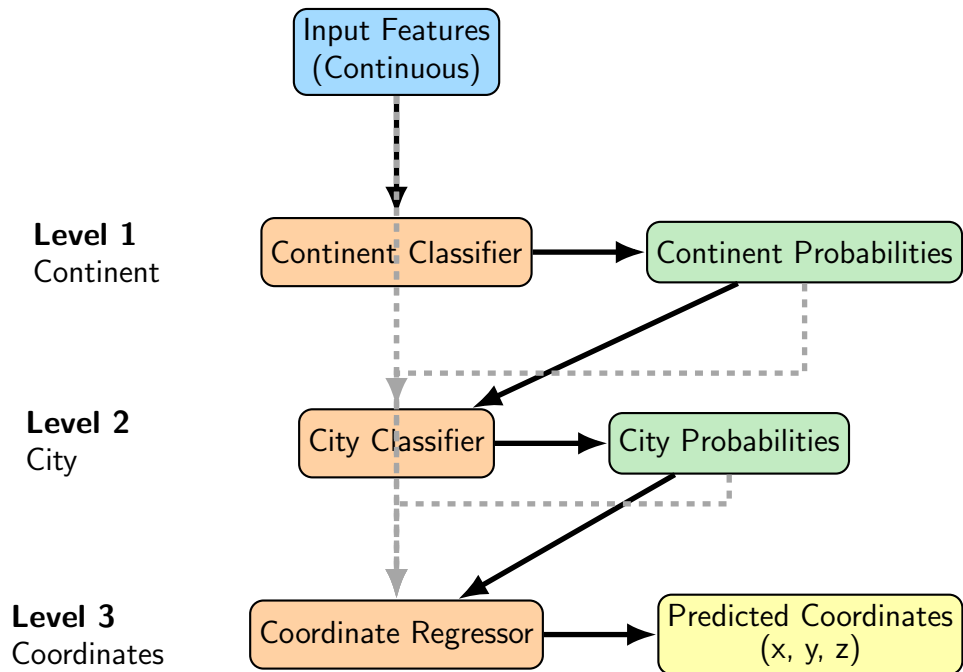


Combined Neural Networks Architecture



Weighted Losses:

$$\mathcal{L}_{total} = w_1 \mathcal{L}_{continent} + w_2 \mathcal{L}_{city} + w_3 \mathcal{L}_{coordinate}, \quad w_1 > w_2 > w_3$$

————> Forward (Inference)

- - - - -> Weighted Backpropagation (all levels)

- - - - -> Feature Concatenation