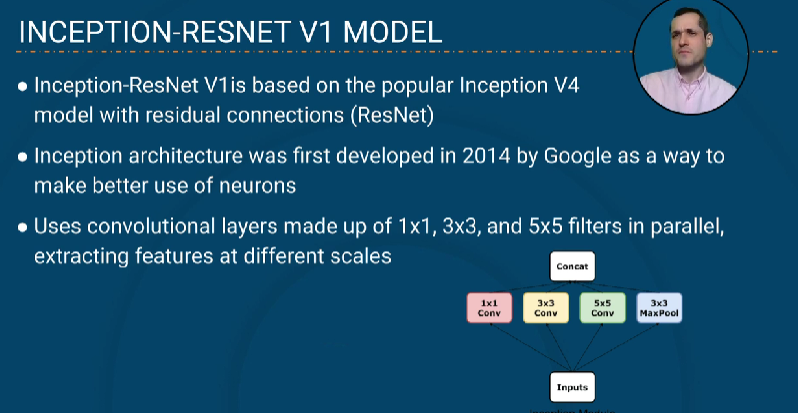


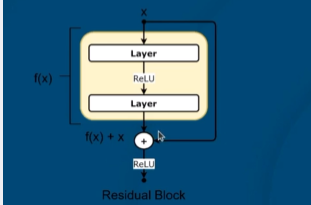
**MODEL USED TO GET FACE EMBEDING**

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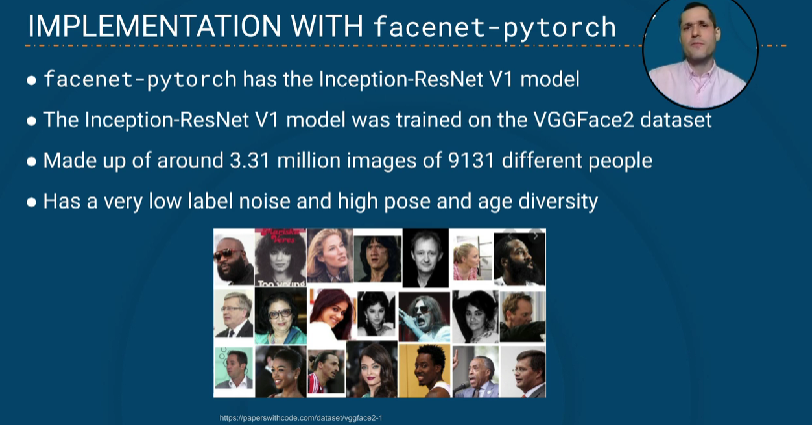
Residual connections are also used in each inception module, inception-ResNet v1 has inception modules , and that inception modules has residual connection.

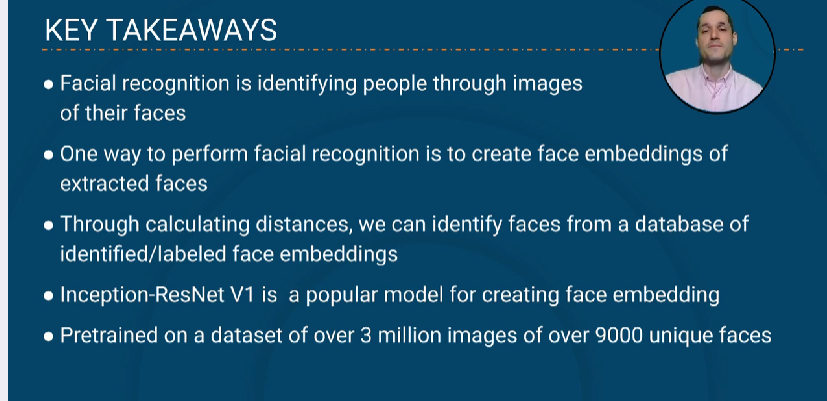
**What is residual connection?**

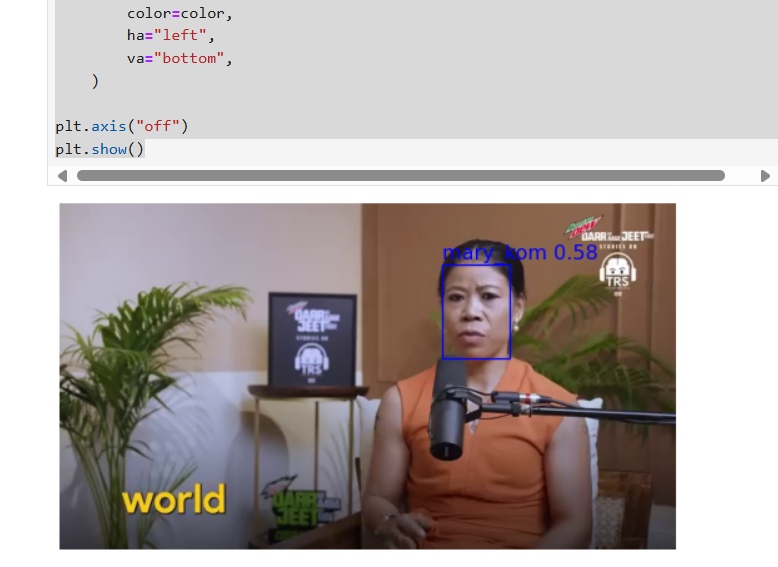
It is a block that clones the input and skips some of the functions, in below example x is the input, so f(x) is the residual block, because of this connection it trains model more faster.

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The module used for face detection has the Inception-ResNet V1 model to do face embedding.

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