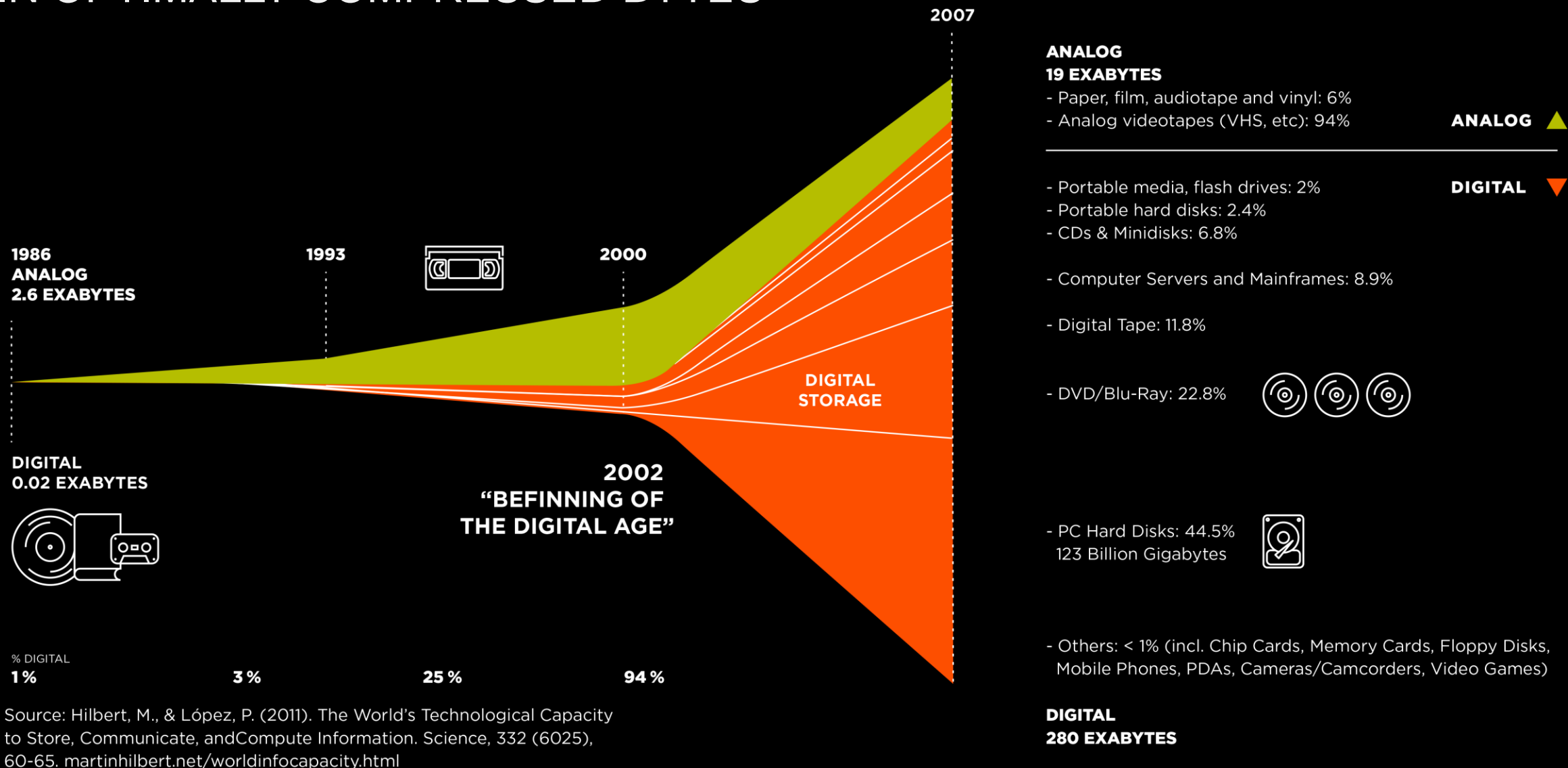
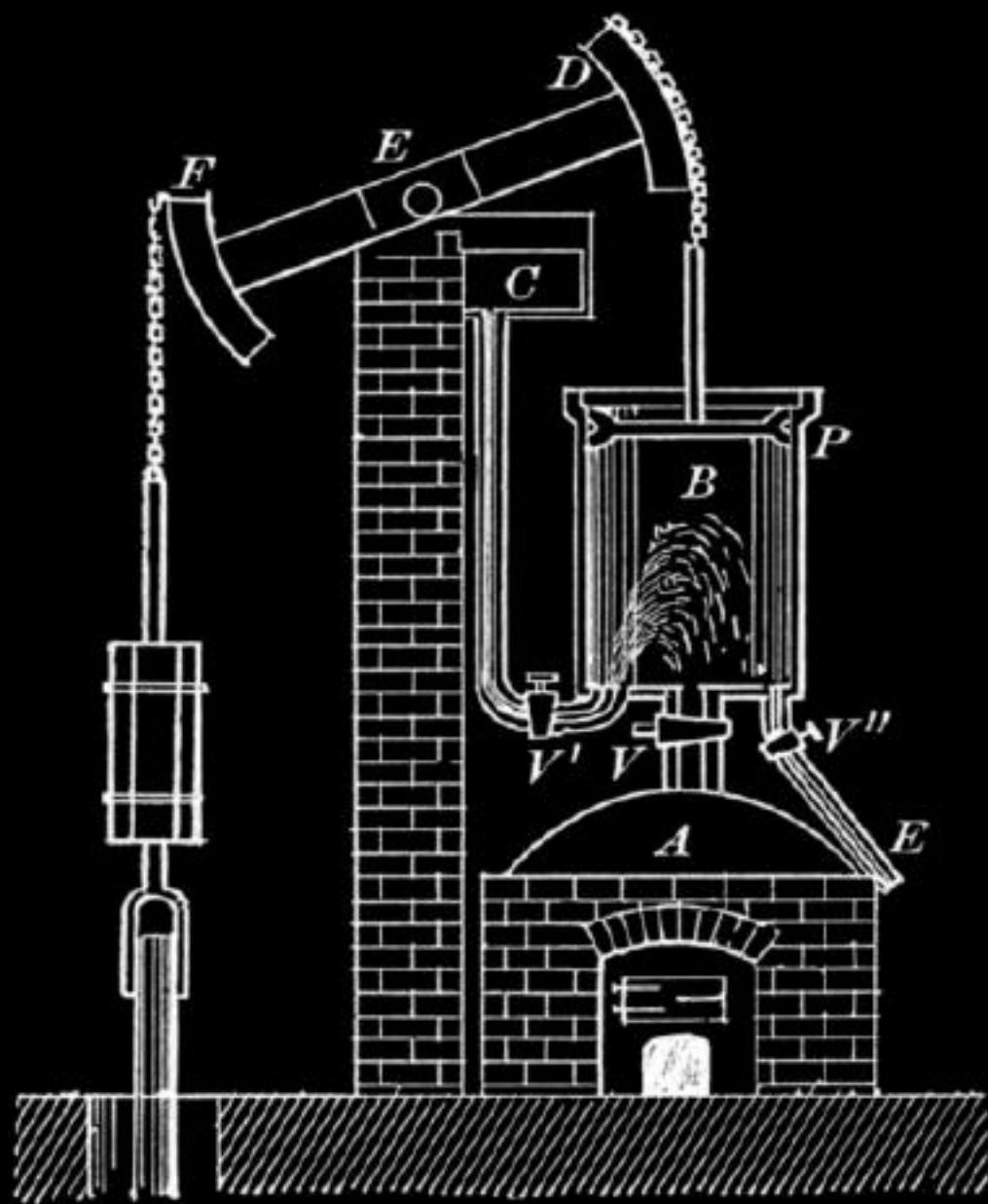


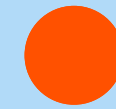
The Data Delusion

NEIL LAWRENCE
UNIVERSITY OF SHEFFIELD

GLOBAL INFORMATION STORAGE CAPACITY IN OPTIMALLY COMPRESSED BYTES





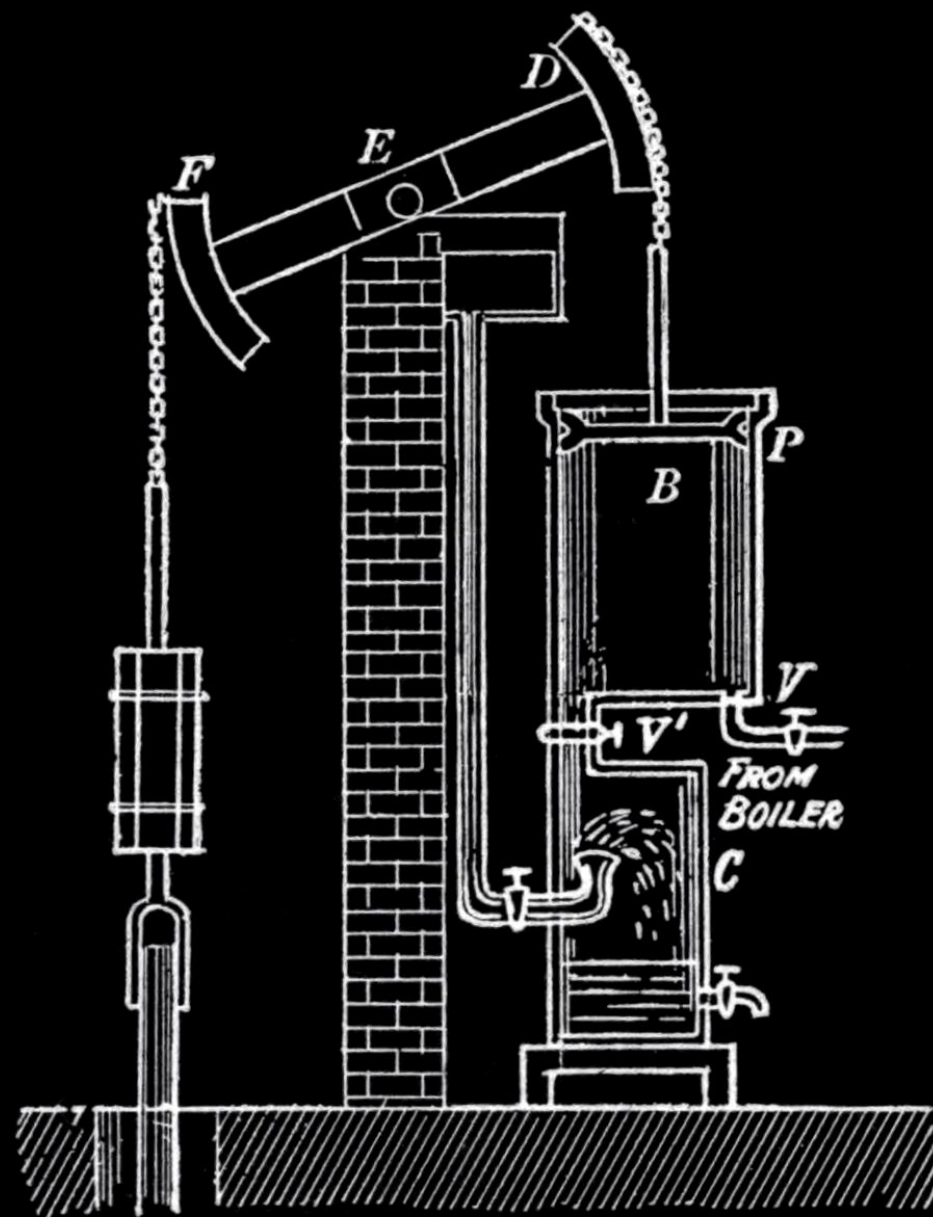


Google
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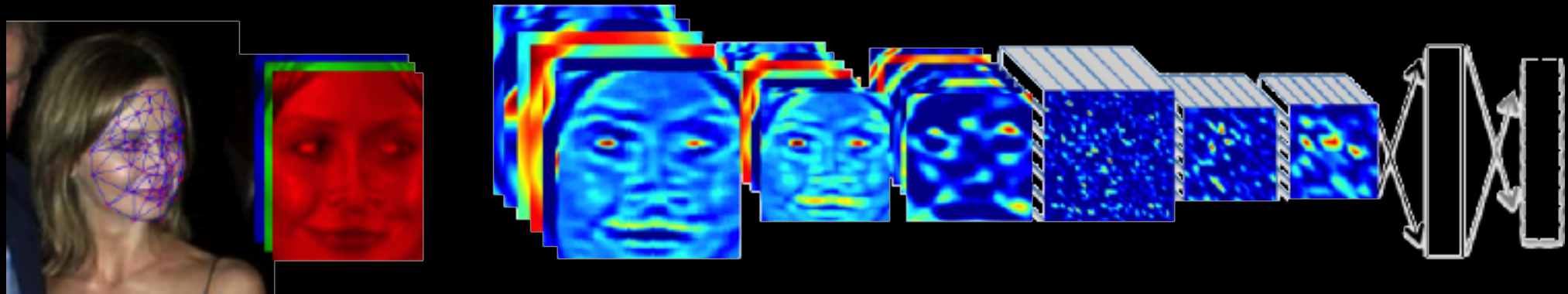


Startups

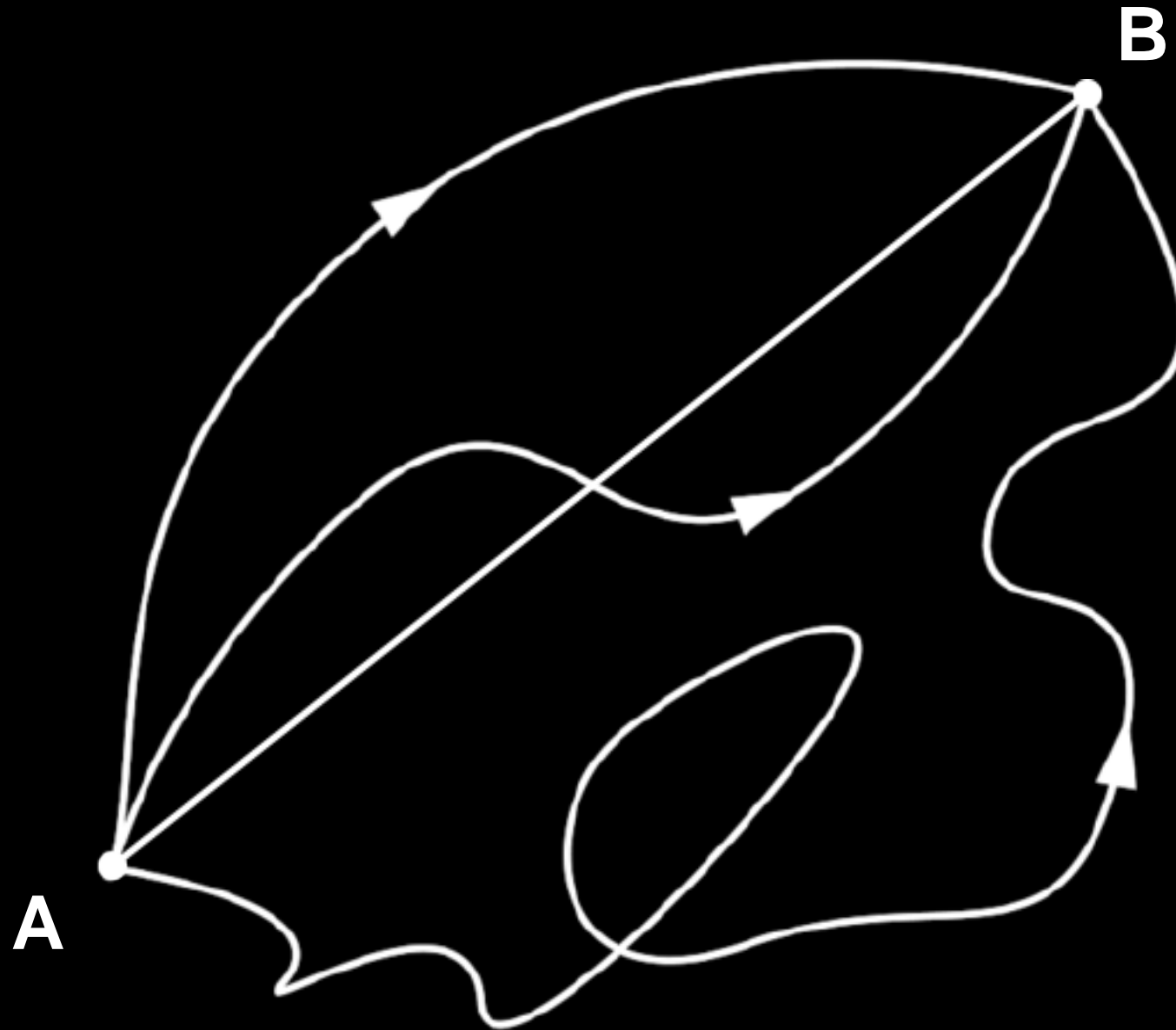




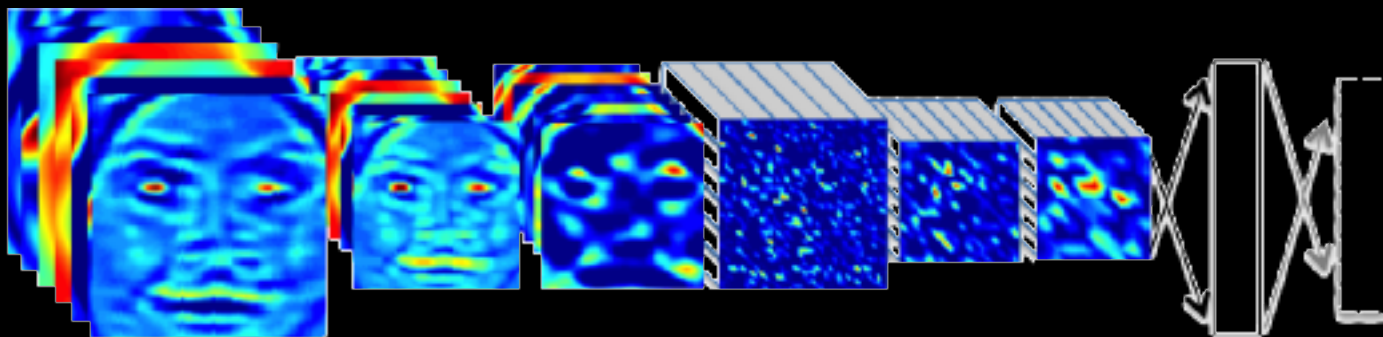
Outline of the DeepFace architecture. A front-end of a single convolution-pooling-convolution filtering on the rectified input, followed by three locally-connected layers and two fully-connected layers. Color illustrates feature maps produced at each layer. The net includes more than 120 million parameters, where more than 95% come from the local and fully connected layers.







$$f(x)$$



$$\frac{df(x)}{dx}$$

$$\int f(x)p(x)dx$$

$$A = U - TS$$

Thank you

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M A
R S