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National University
of Singapore

Computing

2018

SOC SUMMER WORKSHOP

Facial Expression Recognition Bemoji

> Cloud Computing & Big-Data <

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02

Data Flow

01

Functional Process

03

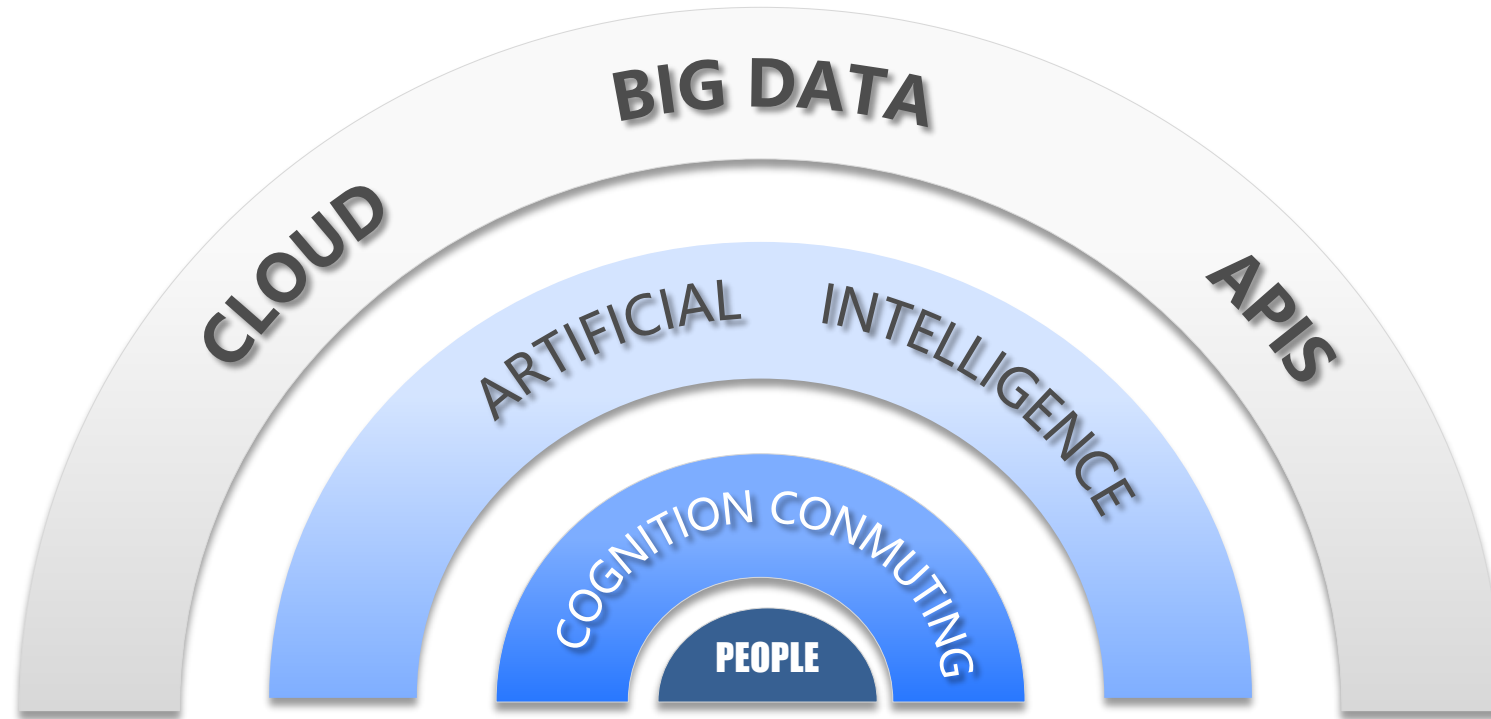
Demo

Cognitive Computing Model



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Functional process

Upload a picture

Use camera to gain the image of one person/
Upload the image



Facial expression recognition

Recognize the face's expression and output the result.



Face detect

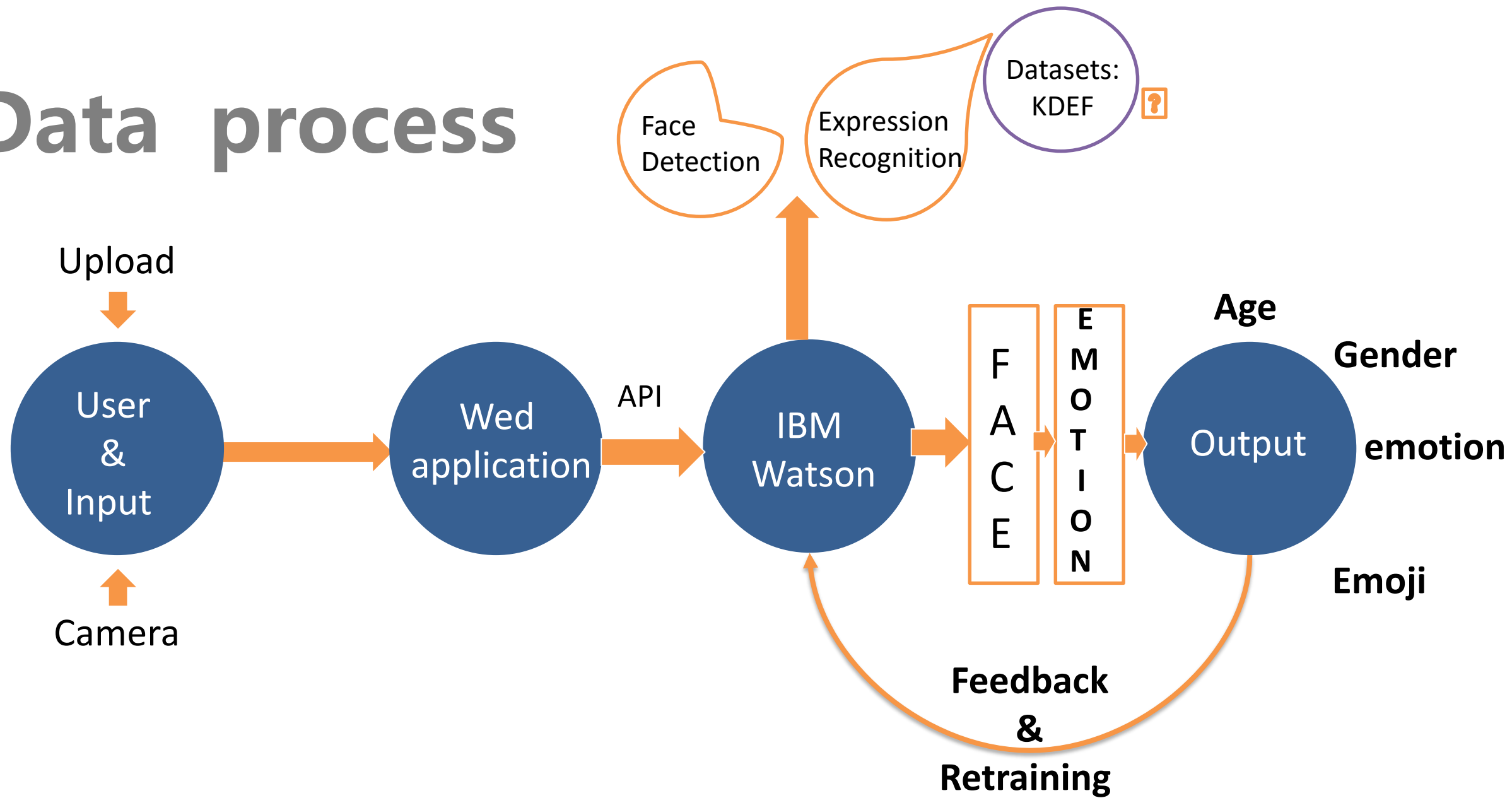
Detect whether there is a face, if there is a face, pass



Match an emoji

Match an emoji with the same expression of the face

Data process







Prototype Demo

[THANKS]

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