

# visage|SDK FaceAnalysis

FaceAnalysis **estimates people's gender, age and emotions in real time**. This helps you build engaging, personalized experiences.

FaceAnalysis takes into account facial landmarks such as the location of the pupils, eye corners, lip boundaries, etc. to estimate age. Emotion estimation returns the probability distribution of each of the six universal emotions: happiness, sadness, anger, fear, surprise, and disgust, and additionally neutral.

FaceAnalysis is **available on all major platforms and embedded systems**, including Windows, OS X, RedHat, Ubuntu, Android, iOS, HTML5, Xilinx and Raspberry Pi. Other platforms are available per request.

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## Main features

- FaceAnalysis detects faces in images or video and then uses face tracking and action units to accurately provide gender, emotions and age for the faces in roughly frontal position
- Automatic facial expression analysis of one or multiple faces in real time
- Real-time age estimation with an accuracy of +/- 5 years
- Real-time gender estimation
- Lightweight technology enables high performance across a whole range of [supported platforms](#)
- A detailed Technical Specification brochure is available, including measurements of accuracy, performance, code size, data size and memory usage ([contact us](#) to receive the brochure)



Visage Technologies [consulting and custom development services](#) are available to adapt the technology in terms of precision, performance and any other requirements in order to meet the needs of specific applications.