Emotion: happy

Trusted

JupyterLab ⬚ ⓪ Python 3 (ipykernel) ● ☰

```
                                            age

                                            the detected face
                                        1)', (p - 10, q - 10),
                                        2, (0, 0, 255))

                                        n", im)

            if cv2.waitKey(1) == 27:
                break

        except cv2.error:
            pass

    # Release the webcam and close all OpenCV windows
    webcam.release()
    cv2.destroyAllWindows()
```

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Condition	Accuracy%	Comments
Normal lighting	80	Standard test environment
Morning lighting	78	Slight variation due to natural light
Night (low artificial light)	65	Reduced accuracy due to low visibility
Dark lighting	60	Struggles with poor lighting conditions
Rainy background	75	Noise from background affects accuracy
With spectacles	79	Minimal effect if spectacles are clear
Without spectacles	80	Baseline accuracy
Blurry image	50	Significant drop due to lack of clarity
Partial face visible	55	Lower performance due to incomplete data
Occluded (with mask)	48	Struggles to capture full facial features
Strong sunlight	72	Shadows affect detection slightly
Side profile	52	Limited accuracy when face is not frontal