DeepFace

DeepFace original CVPR paper (Taigman et al., 2014) — foundational paper describing the original DeepFace approach and alignment pipeline.
https://www.cs.toronto.edu/~ranzato/publications/taigman_cvpr14.pdf

1. Meta / Facebook Research - DeepFace — research page summarizing the original work.
   https://research.facebook.com/publications/deepface-closing-the-gap-to-human-level-performance-in-face-verification/
2. serengil/deepface — GitHub (Python library) — the widely used Python wrapper/library that exposes face recognition and facial attribute (including emotion) APIs.
   https://github.com/serengil/deepface
3. deepface_models — Pretrained model weights repo — companion repo used by the deepface library to hold converted pretrained weights.
   https://github.com/serengil/deepface_models
4. DeepFace on PyPI — package page showing installable versions and metadata.
   https://pypi.org/project/deepface/
5. DeepFace tutorial / Kaggle notebook (serengil) — runnable examples showing how to call DeepFace in Python.
   https://www.kaggle.com/code/serengil/deepface-framework-for-python
6. GeeksforGeeks: Facial expression detection using DeepFace & OpenCV — practical walkthrough detecting emotions from images using DeepFace + OpenCV.
   https://www.geeksforgeeks.org/python/facial-expression-detection-using-deepface-module-in-python/
7. Medium / blog reviews & walkthroughs — general tutorials that compare models and show example usage (search results include multiple practical guides).
   (Examples in the repo list and links inside this doc point to a few of those posts.)
8. StackOverflow threads: installation & troubleshooting — community-run Q&A with common pitfalls and workarounds for deepface install and runtime issues.
   https://stackoverflow.com/questions/77706773/assertionerror-while-installing-deepface-via-pip
9. RetinaFace repo (serengil/retinaface) — a modern face detector used frequently together with DeepFace for better landmark / detection quality.
   https://github.com/serengil/retinaface