

## **Pose Estimation**

Pose Estimation is the process of determining the spatial positions and orientations of objects or individuals in images or videos. It is used in applications such as augmented reality, motion capture, human-computer interaction, and sports analytics. Pose estimation algorithms analyze visual data to infer the poses of human bodies or objects, including keypoint detection, skeletal tracking, and pose classification. They enable applications such as gesture recognition, virtual try-on, biomechanical analysis, and character animation in gaming and entertainment industries.