# Comparison of TimeSformer and VideoMAE Models

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| Model | Accuracy | F-Score | Best Dataset | Year of Dataset | Latest Research Paper | Paper Location | Companies Using | Products |
| TimeSformer | High (~80% on Kinetics-400) | High (~0.85 on Kinetics-400) | Kinetics-400 | 2017 | TimeSformer: Video Transformer for Action Recognition | https://arxiv.org/abs/2102.05095 | Research labs, Media companies | Video analytics, action recognition tools |
| TimeSformer | Higher (~85% on Kinetics-700) | Higher (~0.88 on Kinetics-700) | Kinetics-700 | 2019 | TimeSformer: Video Transformer for Action Recognition | https://arxiv.org/abs/2102.05095 | Research labs, Media companies | Advanced video analysis, gesture recognition |
| VideoMAE | Higher than TimeSformer (~90% on Something-Something v2) | Higher (~0.9 on Something-Something v2) | Something-Something v2 | 2018 | VideoMAE: Masked Autoencoders for Video Representation Learning | https://arxiv.org/abs/2203.12602 | AI research labs, Streaming services | Self-supervised video modeling, anomaly detection |