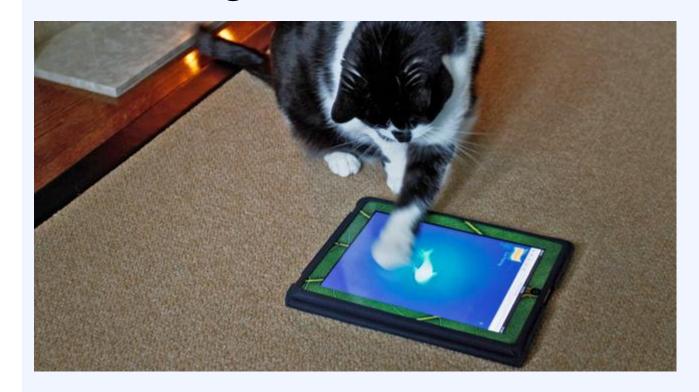


Video Understanding

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Video Understanding Overview

Image Classification



Cat

Image Object Detection

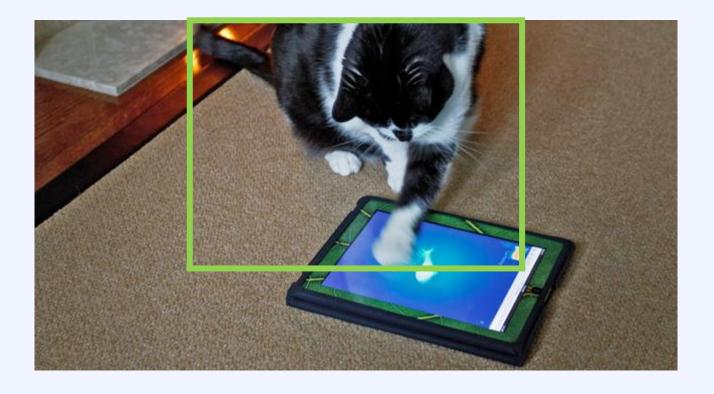
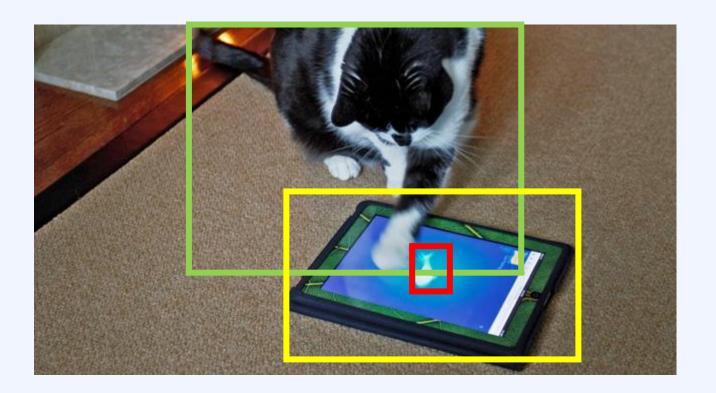
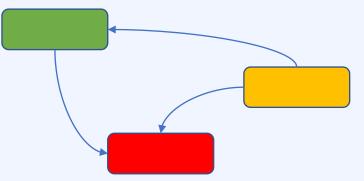


Image Scene Graph



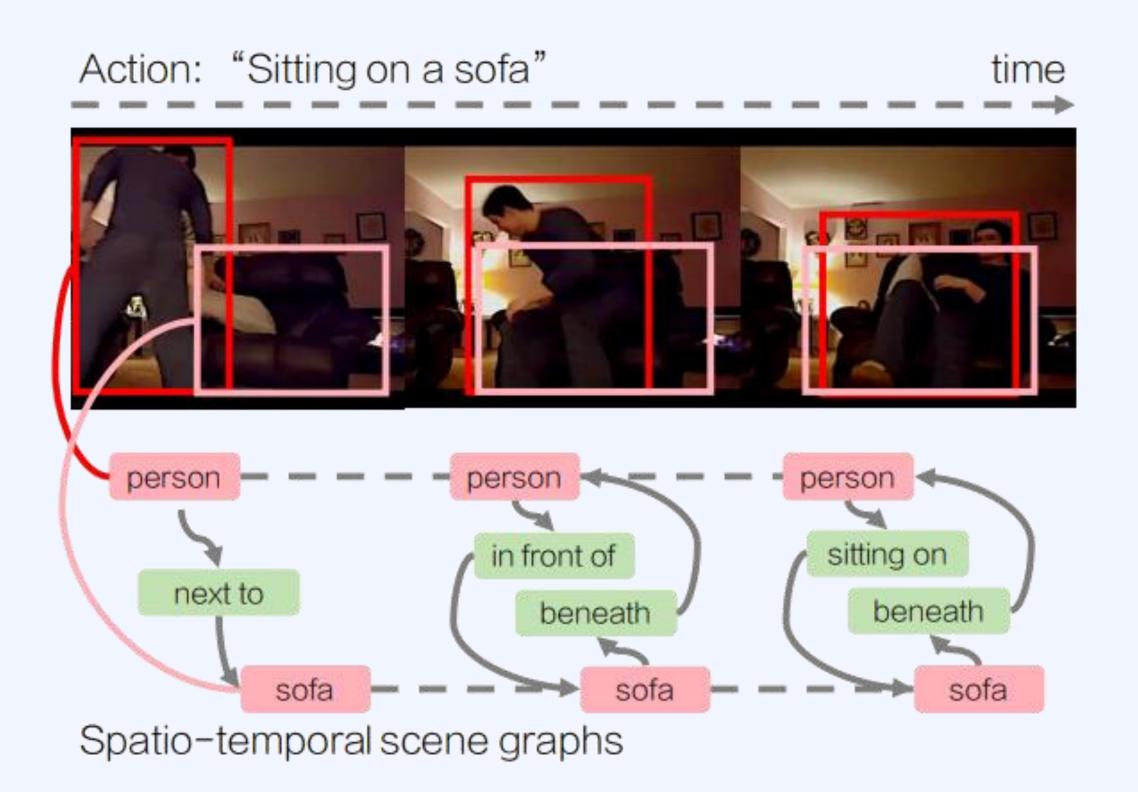


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Overview

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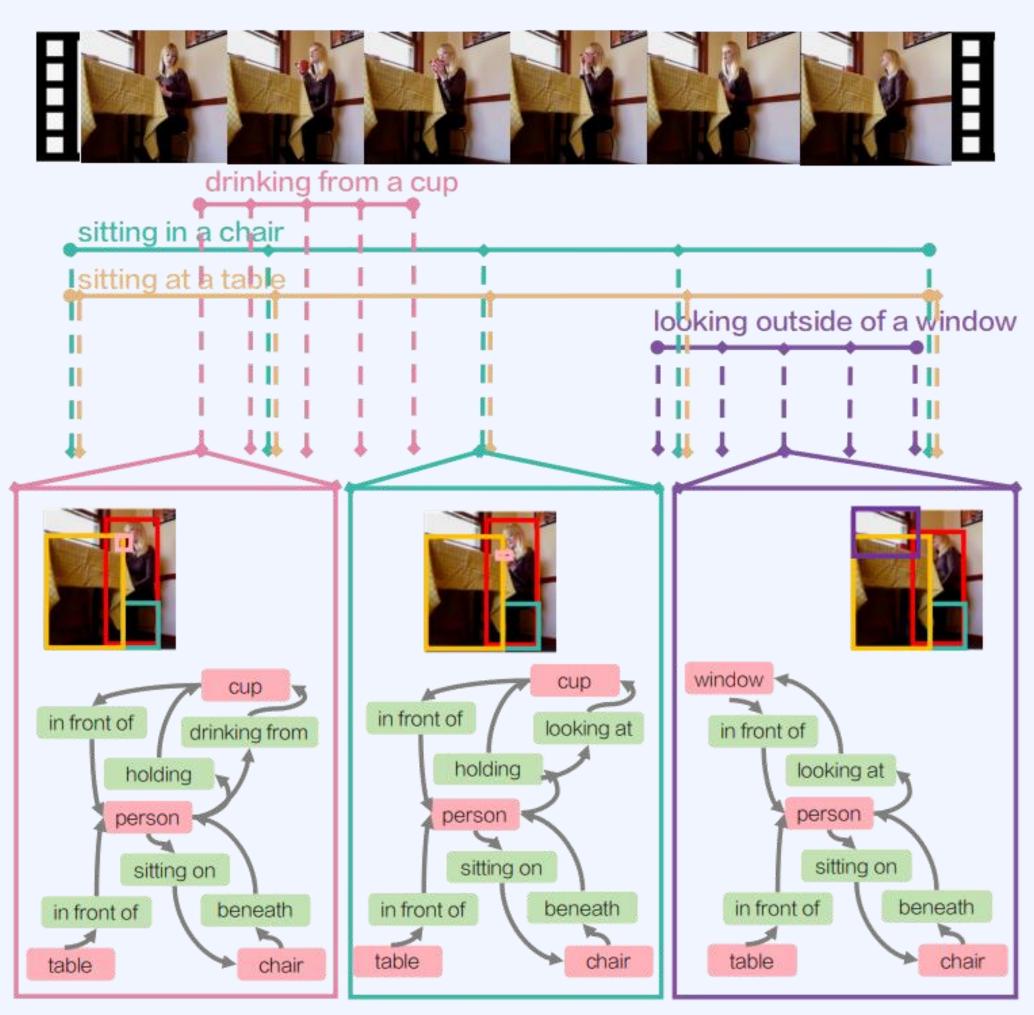
J. Ji et al. Action Genome: Actions as Composition of Spatio-temporal Scene Graphs



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Video Understanding Overview

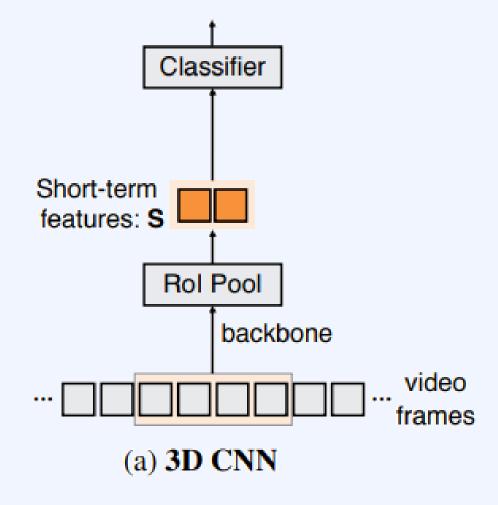
J. Ji et al. Action Genome: Actions as Composition of Spatio-temporal Scene Graphs

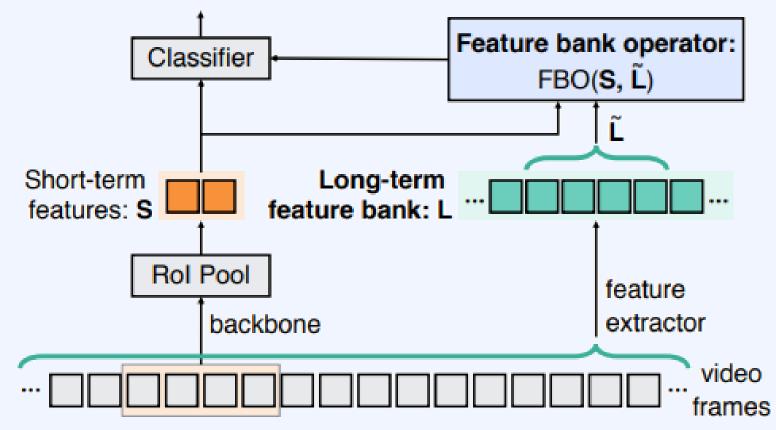


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Video Understanding Overview

C. Wu et al. Long-Term Feature Banks for Detailed Video Understanding.





(b) 3D CNN with a Long-Term Feature Bank (Ours)