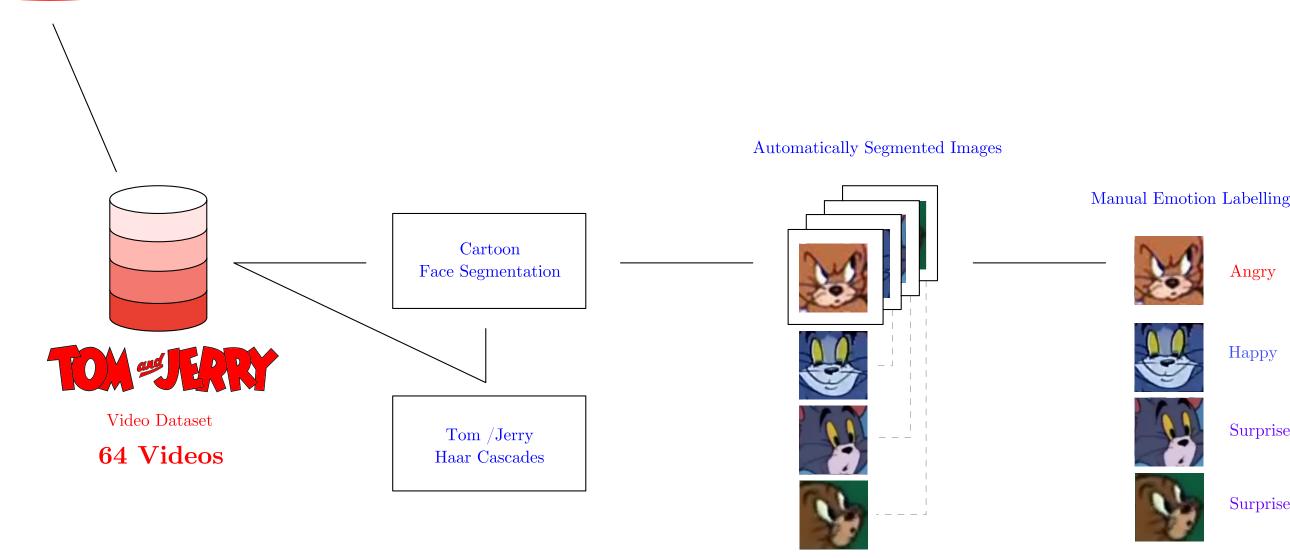Dataset Construction & Segmentation (1st Step)