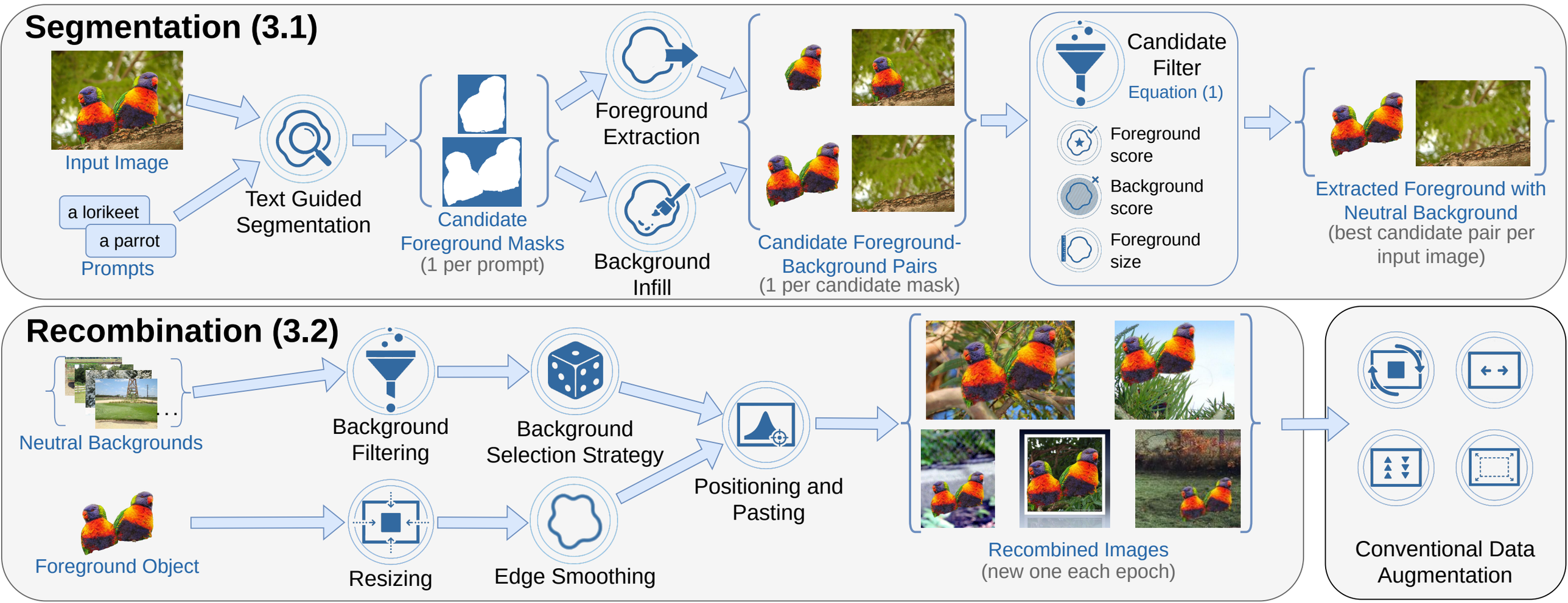
Segmentation (3.1)
Input Image
a lorikeet
a parrot
Prompts
Text Guided Segmentation
Candidate Foreground Masks
(1 per prompt)
Foreground Extraction
Background Infill
Candidate Foreground-Background Pairs
(1 per candidate mask)
Candidate Filter
Equation (1)
Foreground score
Background score
Foreground size
Extracted Foreground with Neutral Background
(best candidate pair per input image)
Recombination (3.2)
Neutral Backgrounds
Background Filtering
Background Selection Strategy
Foreground Object
Resizing
Edge Smoothing
Positioning and Pasting
Recombined Images
(new one each epoch)
Conventional Data Augmentation