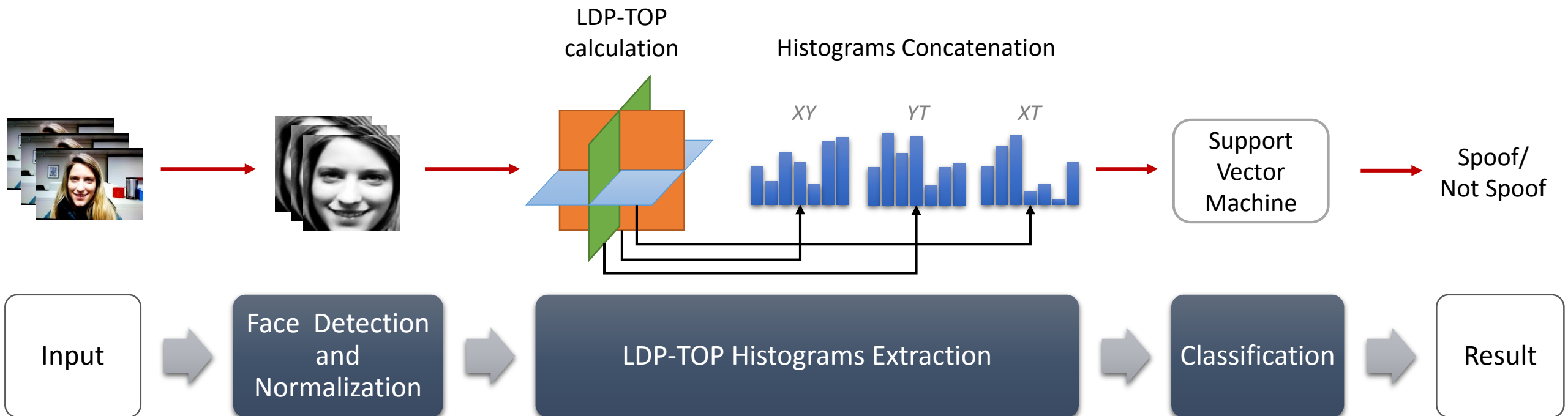
LDP-TOP calculation
Histograms Concatenation
XY
YT
XT
Support Vector Machine
Spoof/ Not Spoof
Input
Face Detection and Normalization
LDP-TOP Histograms Extraction
Classification
Result