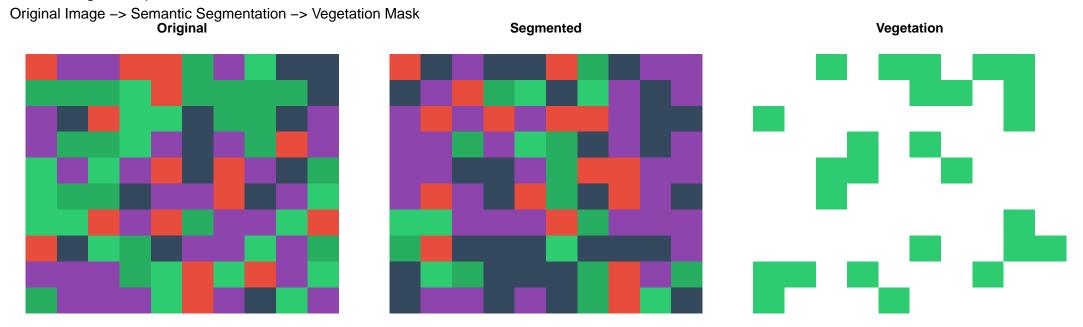
Figure 3.4: Semantic Segmentation Pipeline for GVI Calculation

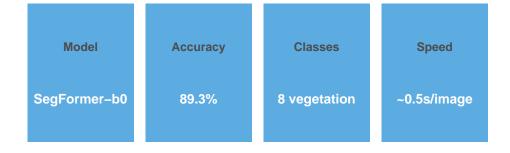
Processing workflow from street-view imagery to LSOA-level Green View Index



Processing Example



Key Performance Metrics



 $GVI \ \, \textbf{Calculation Formula:} \\ GVI = \frac{\sum Vegetation \ Pixels}{\sum Total \ Pixels} \times 100 \\ Aggregation: \ \, \textit{Weighted mean across all LSOA images}$

SegFormer-b0 model trained on ADE20K dataset, processing 138,000+ images across Inner London