DoubleConv

3×3 Conv + ReLU
+ 3×3 Conv +
ReLU

Input

Down

MaxPool 2×2
+
DoubleConv

Down

MaxPool 2×2
+
DoubleConv

Down

MaxPool 2×2
+
DoubleConv

Down

MaxPool 2×2
+
DoubleConv

DoubleConv

3×3 Conv + ReLU
+ 3×3 Conv +
ReLU

Up

Upsample +
Concat +
DoubleConv

Up

Upsample +
Concat +
DoubleConv

Up

Upsample +
Concat +
DoubleConv

Up

Upsample +
Concat +
DoubleConv

Output

ResUNet Architecture

This illustration delves into the intricacies of
the ResUNet architecture, a variant of the
popular U-Net model enhanced with residual
connections for improved performance in
semantic segmentation tasks.