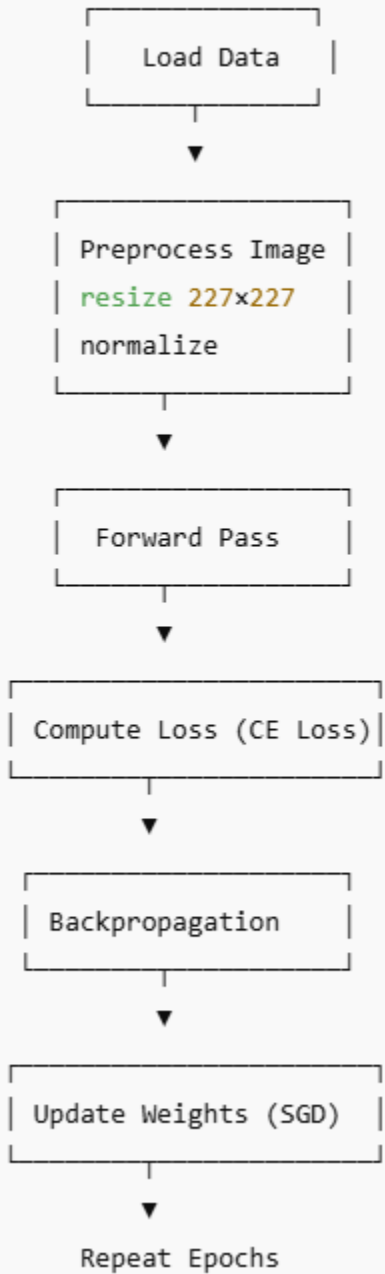


## Screenshots

### Training Flowchart

SCSS



## AlexNet Architecture Diagram (ASCII)

yaml

Input (227×227×3)

|

Conv1: 96 filters, 11×11, s=4

|

MaxPool 3×3 s=2

|

Conv2: 256 filters, 5×5

|

MaxPool

|

Conv3: 384 filters, 3×3

Conv4: 384 filters, 3×3

Conv5: 256 filters, 3×3

|

MaxPool

|

Flatten (256×6×6)

|

FC1: 4096

FC2: 4096

FC3: num\_classes (Softmax)

## 📌 Hyperparameter Table

Component	Value
Optimizer	SGD + Momentum
Momentum	0.9
Learning Rate	0.01
Weight Decay	0.0005
Loss Function	Cross Entropy
Epochs	10–90
Input Size	$227 \times 227 \times 3$
Batch Size	64

## 📌 Data Preprocessing Diagram

SCSS

Raw Image

|

▼

Resize → Normalize → Augment → Tensor

|

▼

Ready for AlexNet ( $227 \times 227 \times 3$ )