

METHODOLOGY

DATA COLLECTION

(Cat & Dog Image Dataset)



DATA PREPROCESSING

- Resize Images

- Normalization

- Train/Test Split



DATA AUGMENTATION

- Rotation

- Flip / Shift

- Zoom

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CNN MODEL DESIGN	
- Conv Layers	
- Pooling Layers	
- Dense + Softmax	

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MODEL TRAINING	
- Loss Function: CCE	
- Optimizer: Adam	
- Epochs, Batch Size	

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MODEL EVALUATION	
- Accuracy, Loss	
- Precision, Recall	

