



1

Coleta de  
Imagens



Captura pela  
câmera celular



Imagens da  
Internet



Imagens de  
lojas *online*



- Brilho;
- Saturação;
- Rotação.



**roboflow**

2

*Data  
Augmentation*

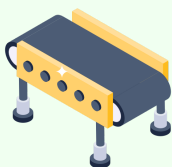


**EDGE  
IMPULSE**

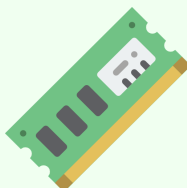


3

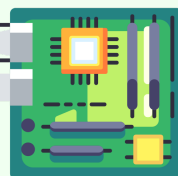
*Dataset total de 900  
amostras (80% / 20%)*



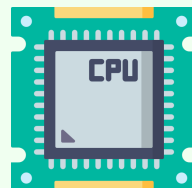
Esteira vazia



Memória RAM



Placa-mãe



Processador

225 amostras cada (180 para treinamento; 45 para teste)