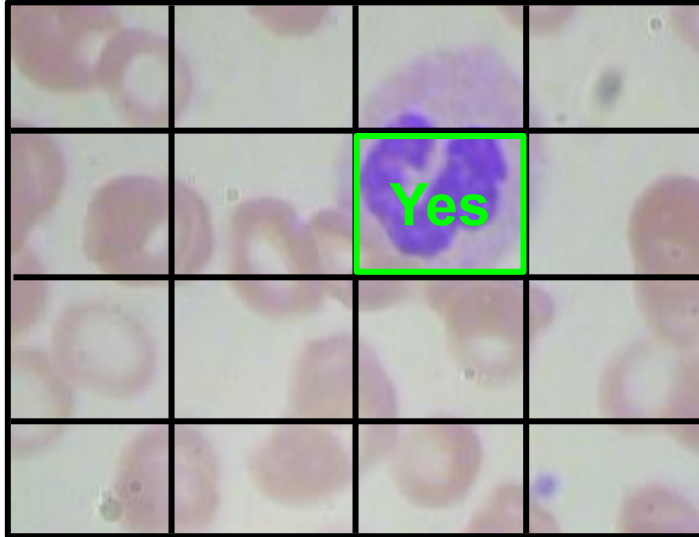


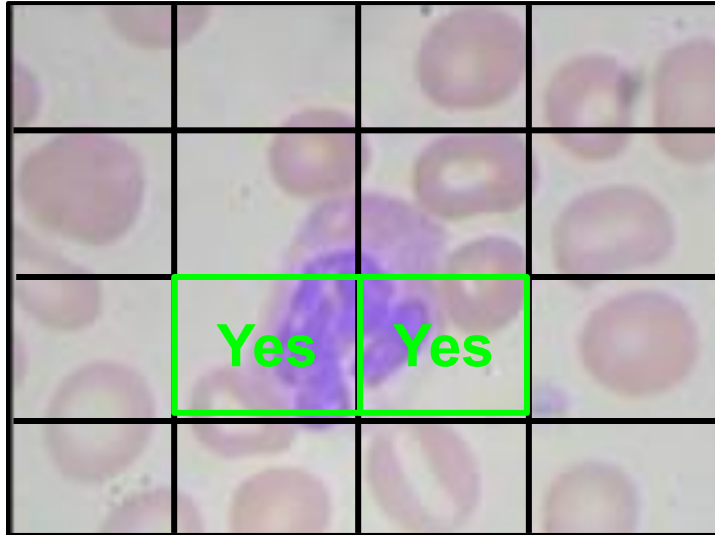
Improvements on Naive Approach 2

Naive Approach 2



- **Step 1:** Divide image into patches
- **Step 2:** Classify each patch
- **Step 3:** Return Patch coordinates as bounding box

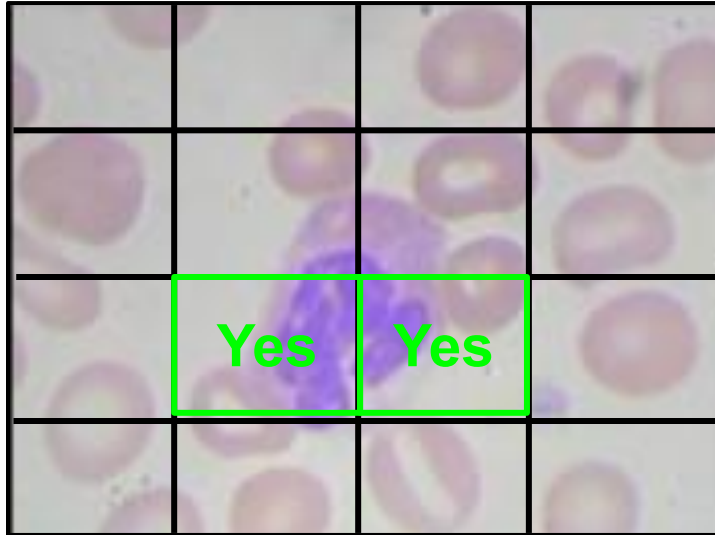
Problems with Naive Approach 2



Problems:

- Two bounding box for same WBC
- Imperfect bounding box

Problems with Naive Approach 2



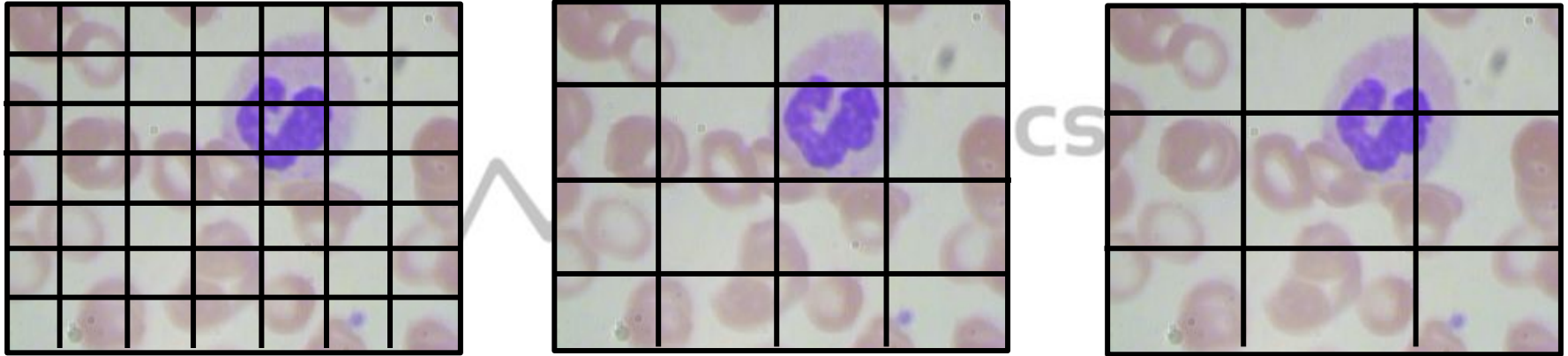
Problems:

- Two bounding box for same WBC
- Imperfect bounding box

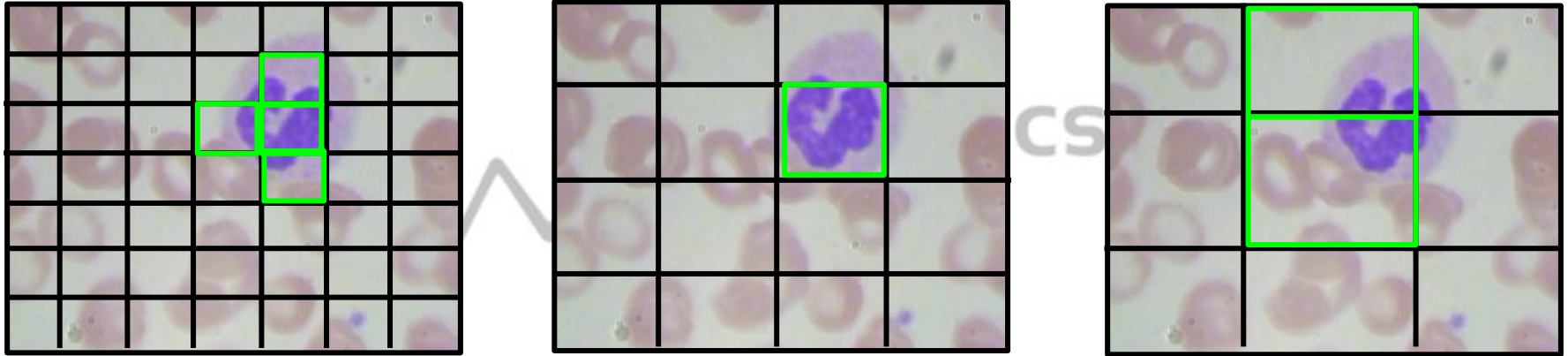
Solution:

Different shapes patches

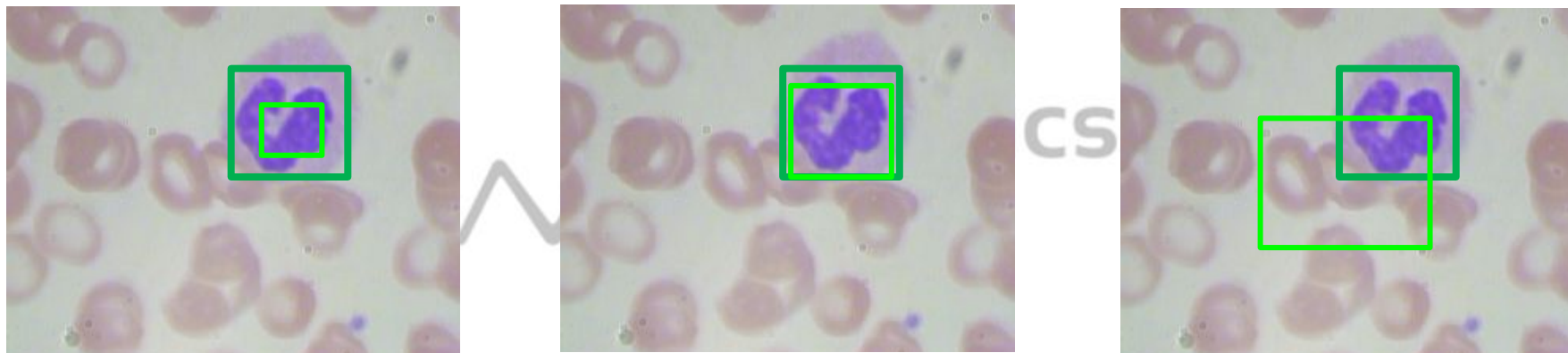
Naive Approach 3



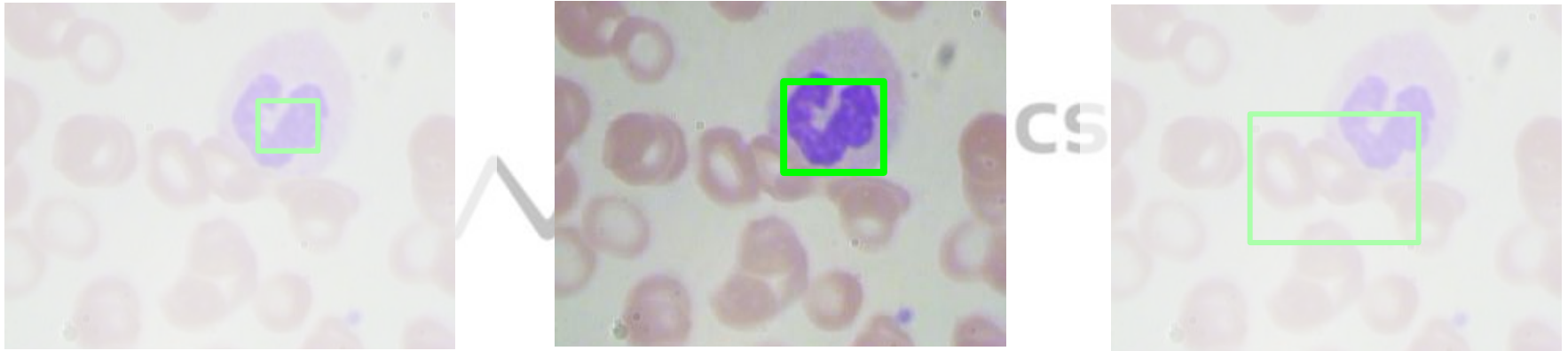
Naive Approach 3



Naive Approach 3

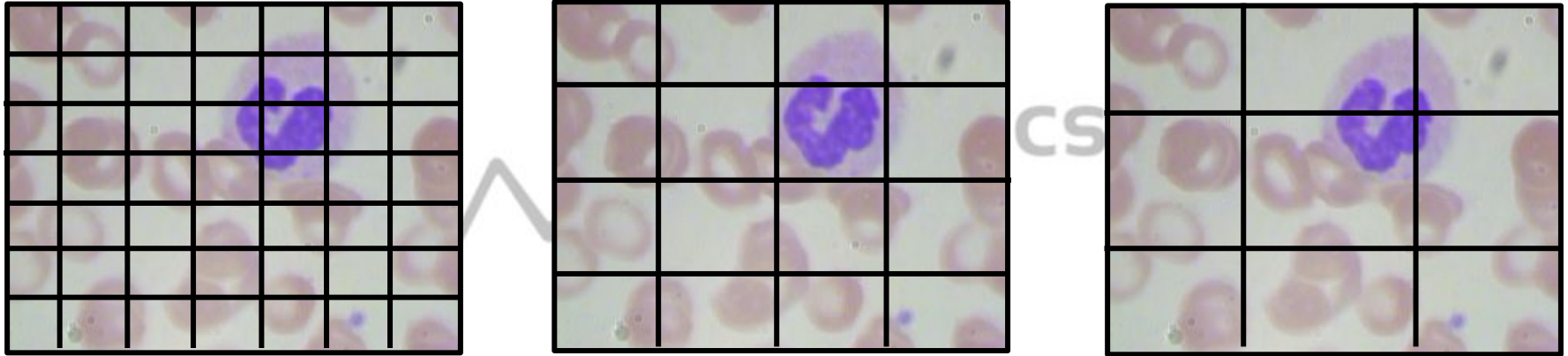


Naive Approach 3

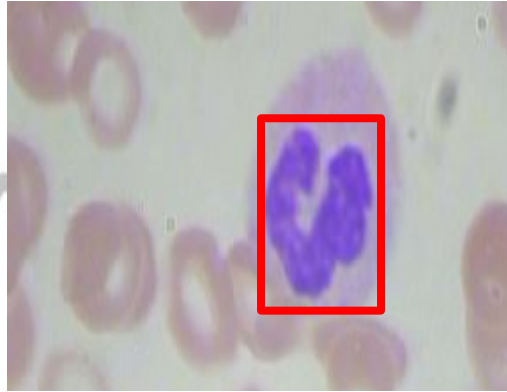
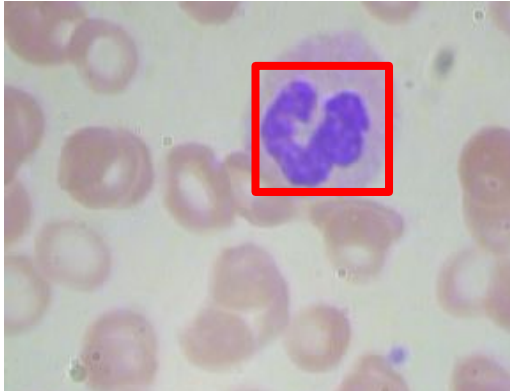


Best Bounding Box

Naive Approach 3



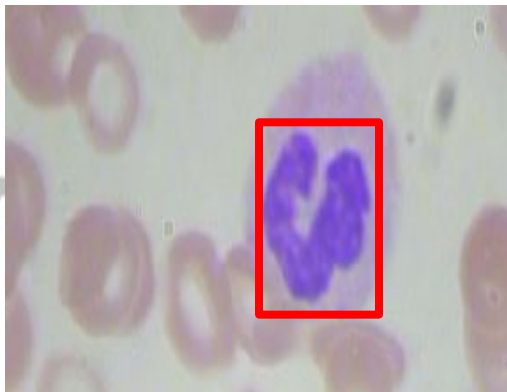
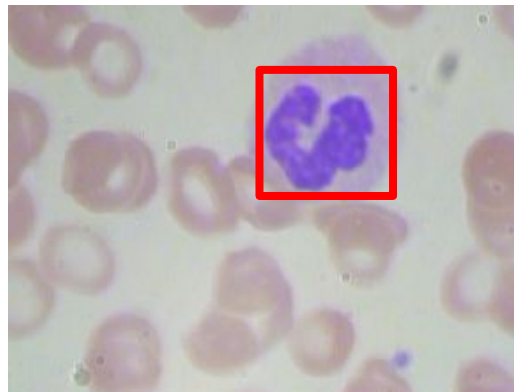
Problem with Naive Approach 3



Problems:

Object of different orientation

Problem with Naive Approach 3



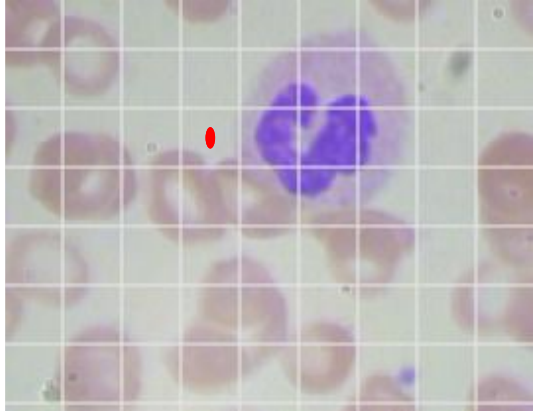
Problems:

Object of different orientation

Solution:

Different shape patches

Naive Approach 4

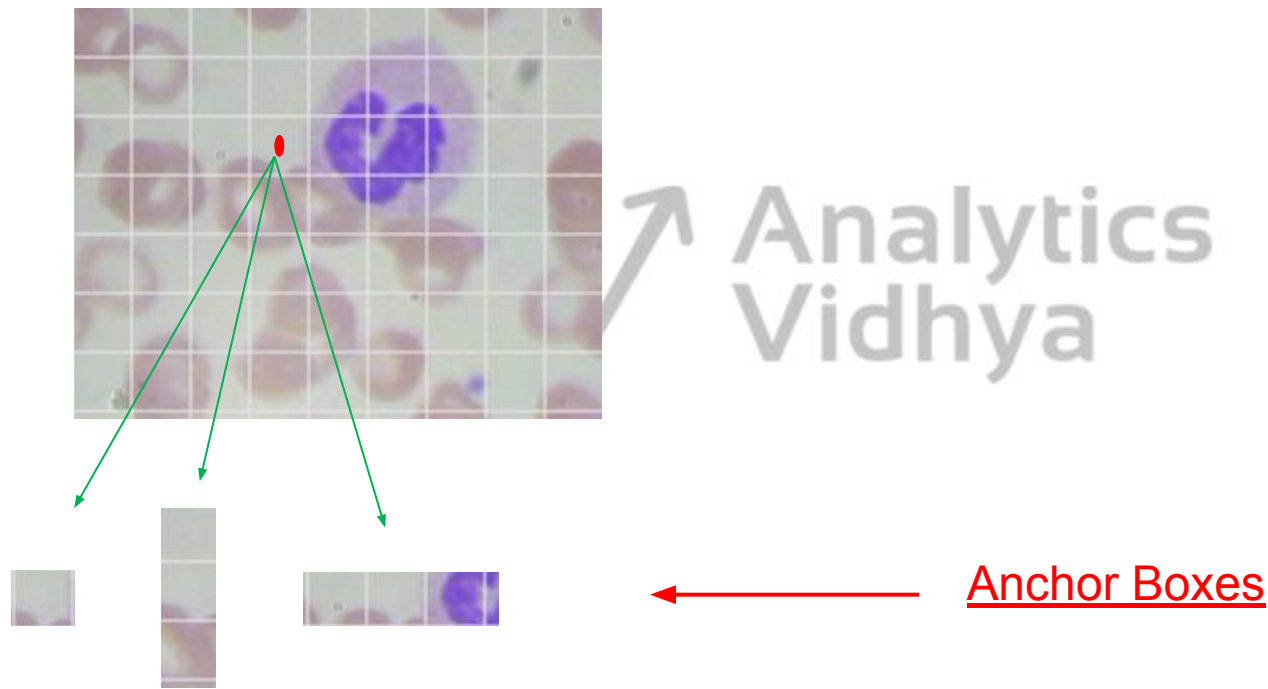


**Analytics
Vidhya**

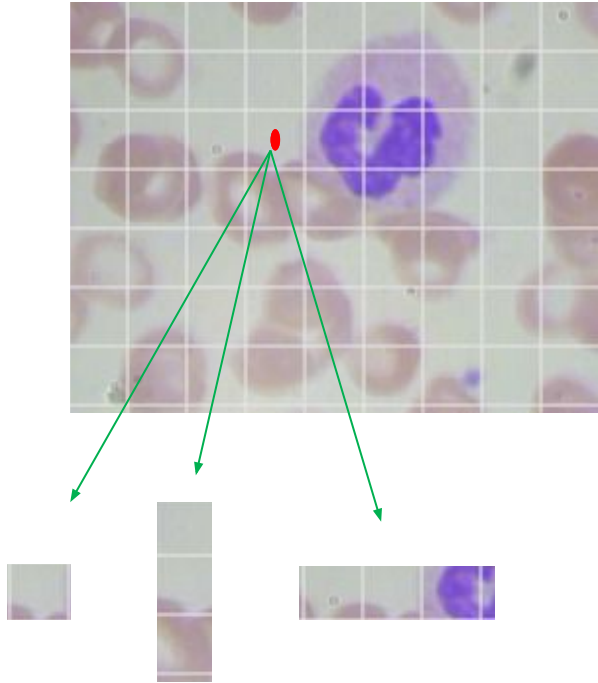
Naive Approach 4



Naive Approach 4



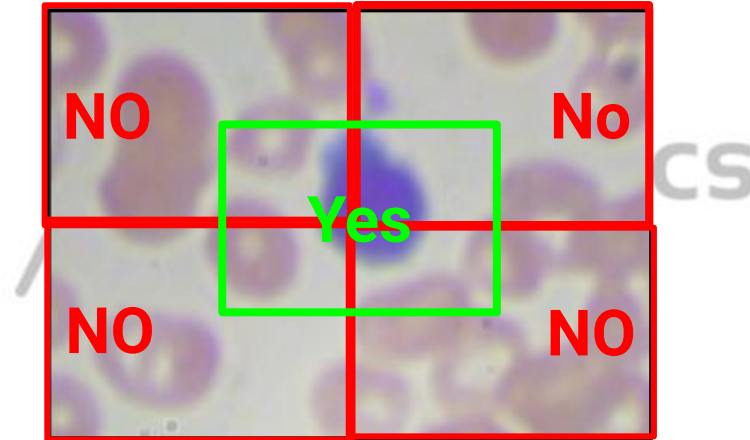
Problems with Naive Approach 4



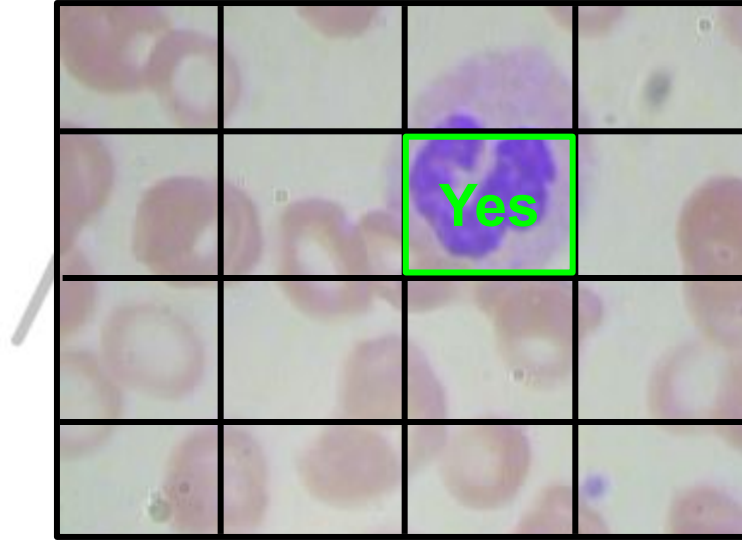
Problems:

- High Computation
- Classify Blank Patches

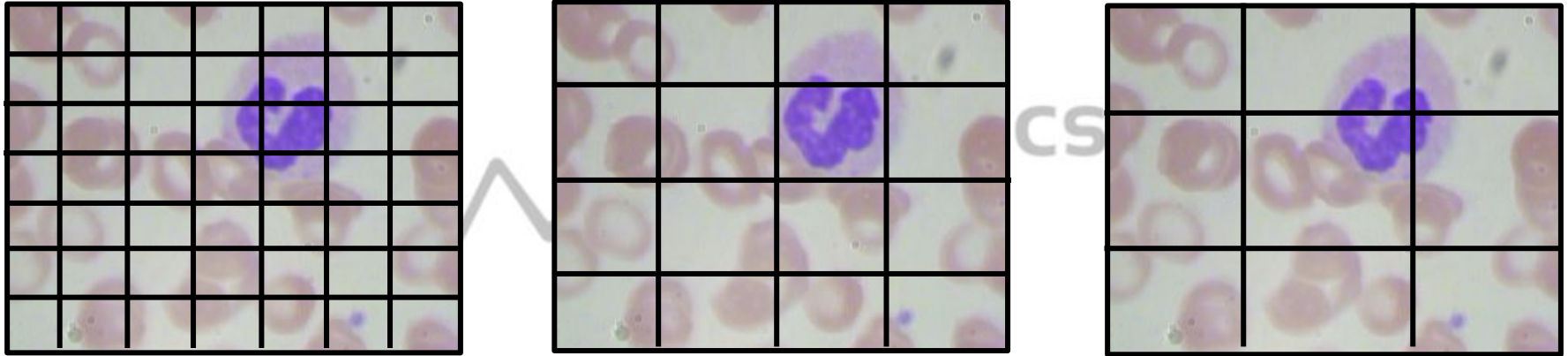
Summary of Naive Approach



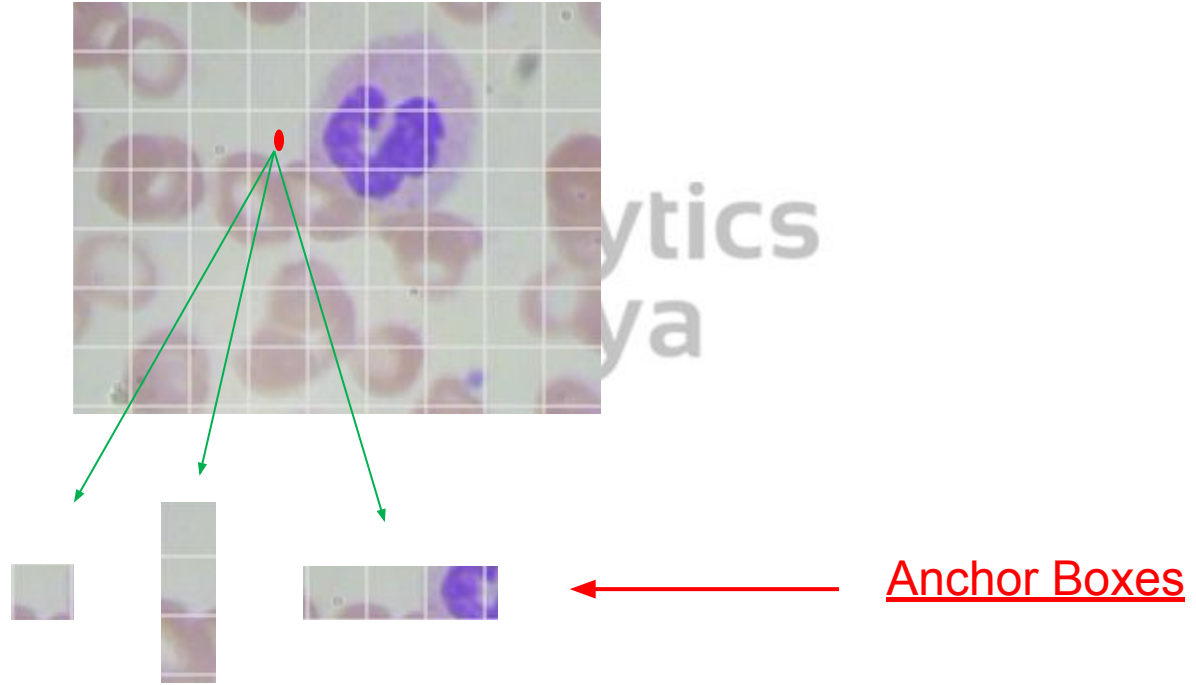
Summary of Naive Approach



Summary of Naive Approach



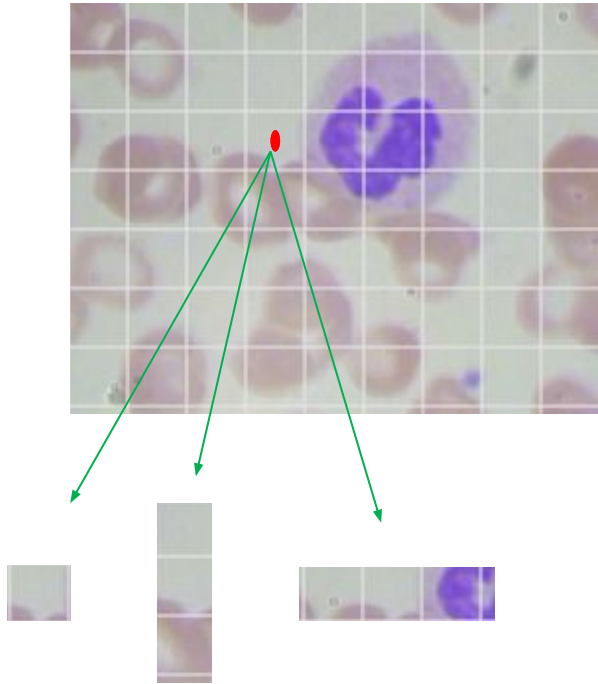
Summary of Naive Approach





Thank You

Problems with Naive Approach 4



Problems:

- High Computation
- Classify Blank Patches

Solution:

Classify Selected Patches