Two trees

This slide describes the process of filtering out the two trees and the grass from the sky using coding.
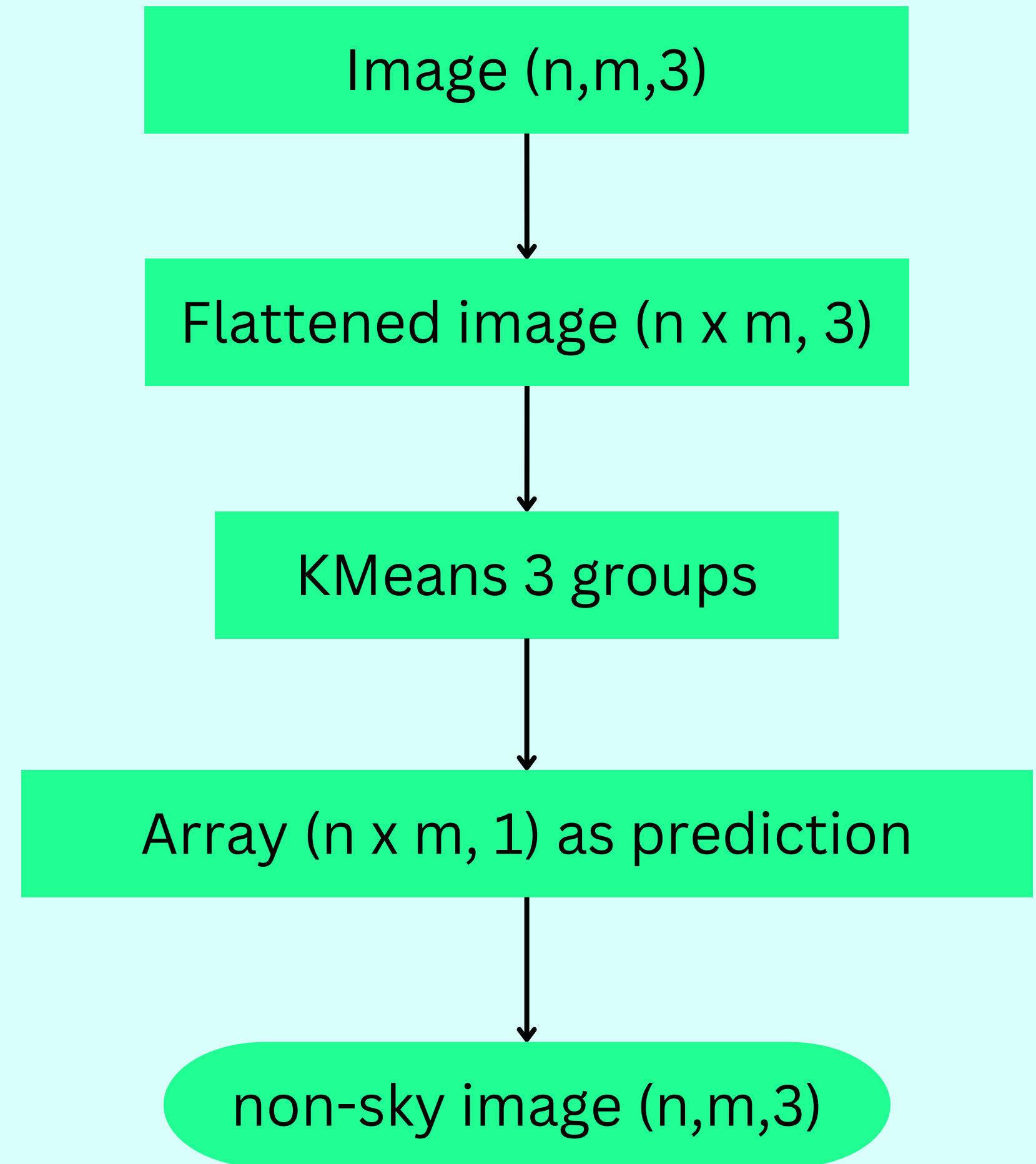
IDEA

There are
1. three color groups: green - blue - white
2. all simple objects

Some ideas for solving
1. Convert the photo to black and white so that the two trees and the grass are black and the sky is white.
2. Use KMeans to segment according to the 3 color groups mentioned above.

IMPLEMENT

Using KMeans

Image (n,m,3)

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Flattened image (n x m, 3)

↓

KMeans 3 groups

↓

Array (n x m, 1) as prediction

↓

non-sky image (n,m,3)

THANK YOU

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*The next problem: **Why is the resulting color different from the given color?***