

How to solve Unsupervised Learning problems?

How to Organize a Photo Gallery?



How to Organize a Photo Gallery?

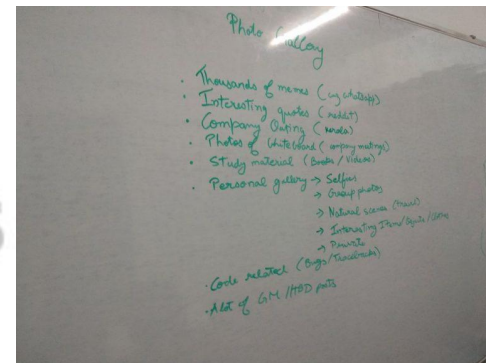


 Analytics
Vidhya

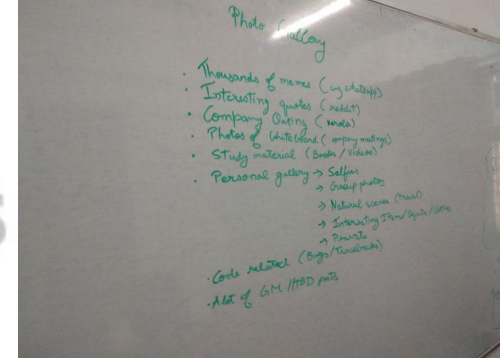
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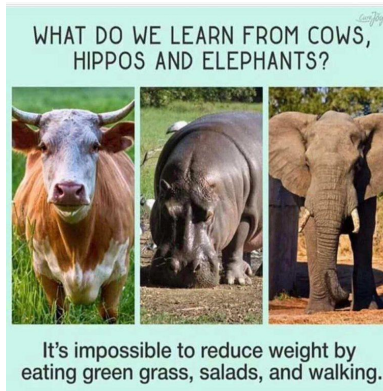
How to Organize a Photo Gallery?



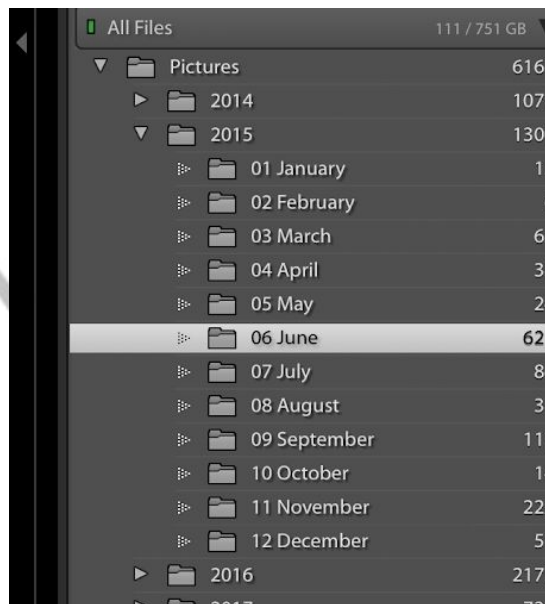
a new day starts!

Good Morning

www.birthdaywishes.expert



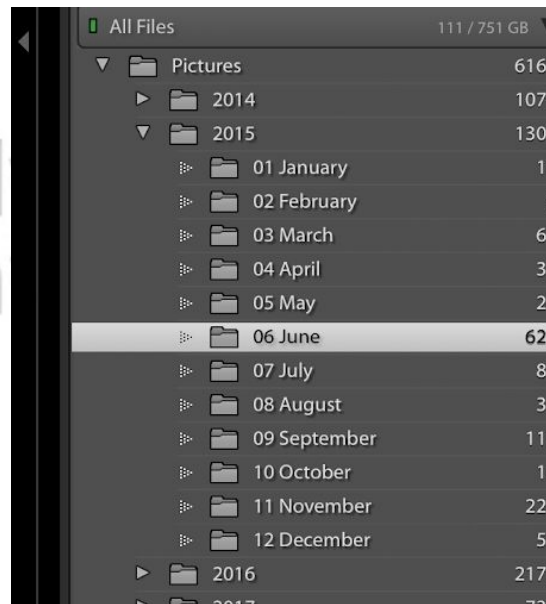
Approach 1 : Organize on the basis of Time



Approach 1 : Organize on the basis of Time

Pros

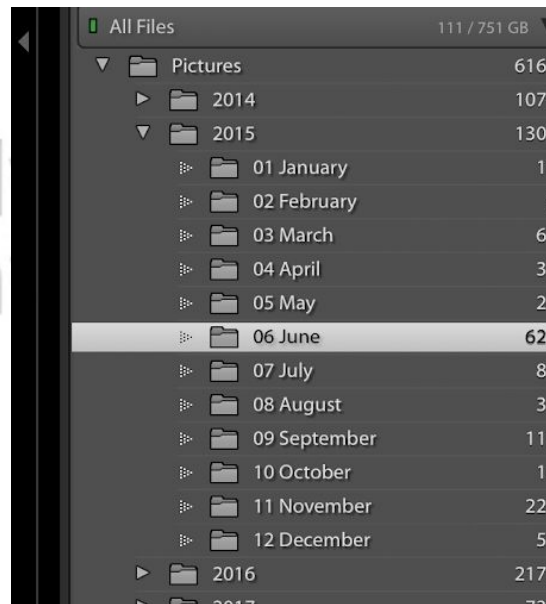
- Organizes photos into folders



Approach 1 : Organize on the basis of Time

Cons

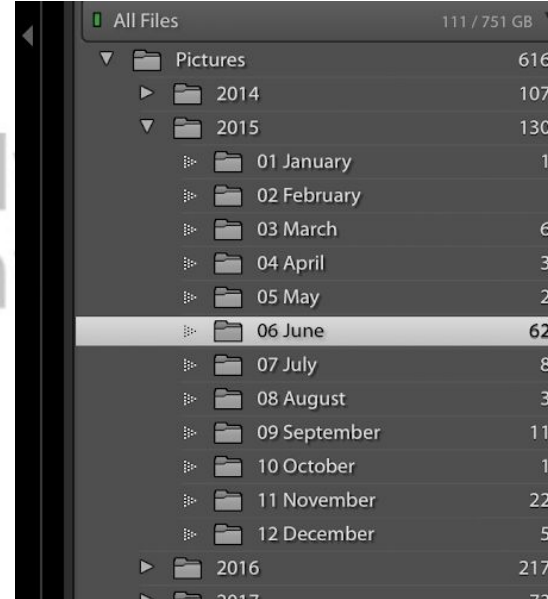
- Too many folders, hence difficult to organize and retrieve



Approach 1 : Organize on the basis of Time

Cons

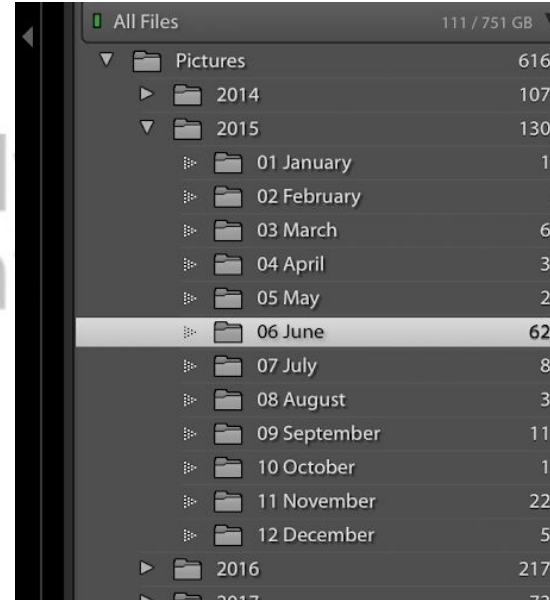
- Too many folders, hence difficult to organize and retrieve
- Conceptually different photos in the same folder



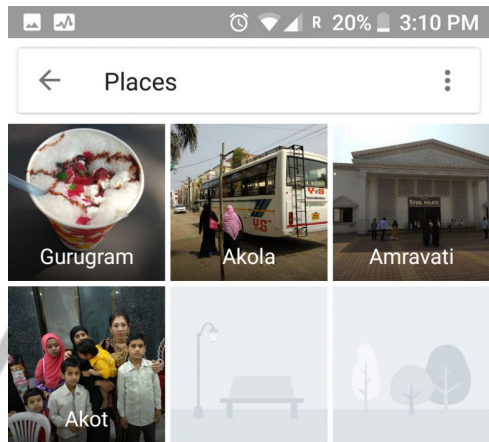
Approach 1 : Organize on the basis of Time

Cons

- Too many folders, hence difficult to organize and retrieve
- Conceptually different photos in the same folder
- When was the image taken?



Approach 2 : Organize on the basis of Location



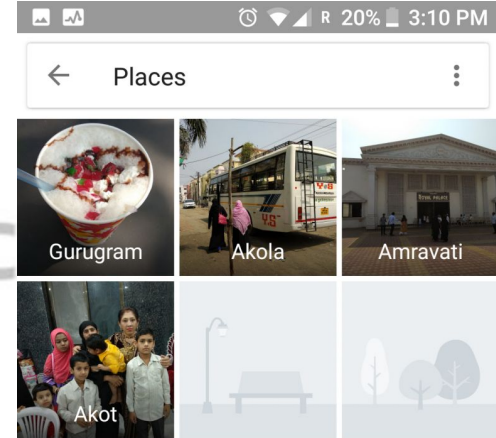
Oh, the places you'll see

The more photos you take, the
more places you see here

Approach 2 : Organize on the basis of Location

Pros

- Organizes photos into folders
- Has lesser number of folders in comparison to the previous approach



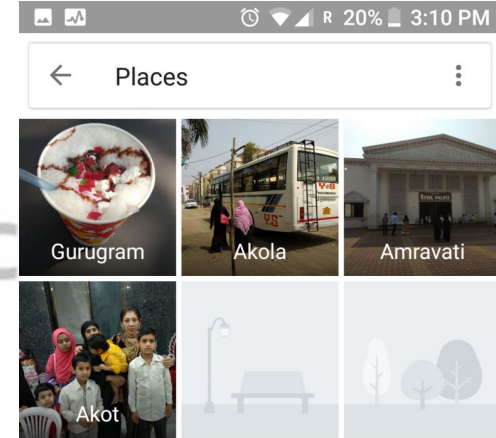
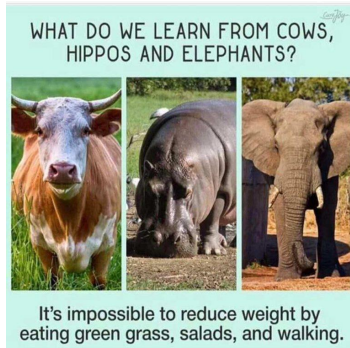
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Approach 2 : Organize on the basis of Location

Cons

- Will have an uncategorized folder with numerous photos



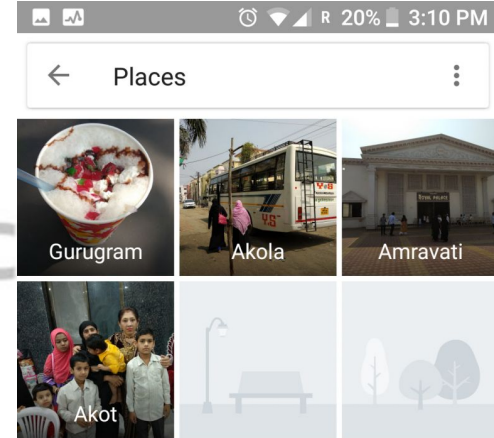
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Approach 2 : Organize on the basis of Location

Cons

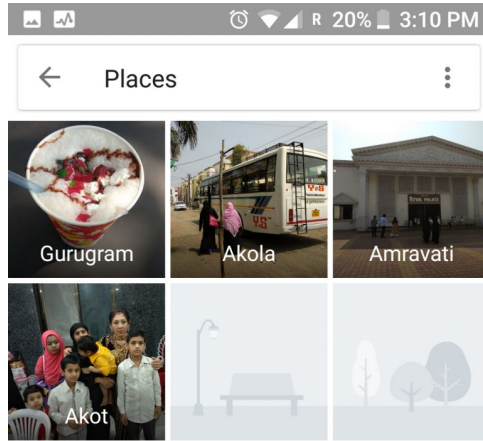
- Will have an uncategorized folder with numerous photos
- When was the image taken?



Oh, the places you'll see

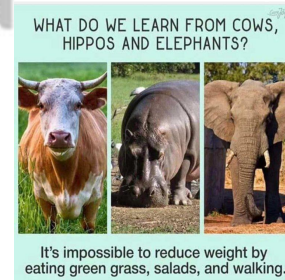
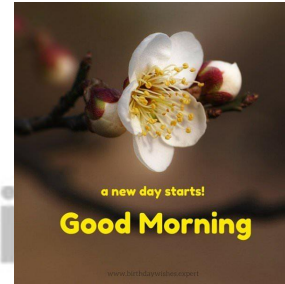
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Approach 3 : Organize on the basis of Text

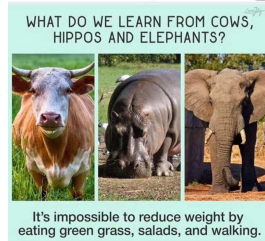
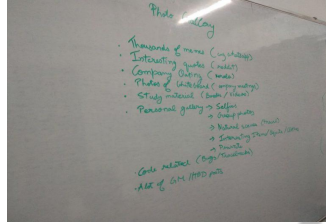


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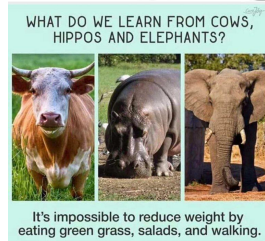
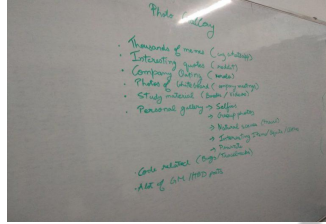


Approach 4 : Organize on the basis of Metadata



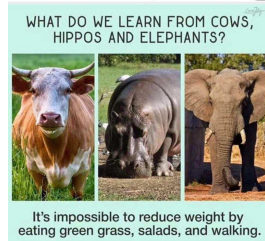
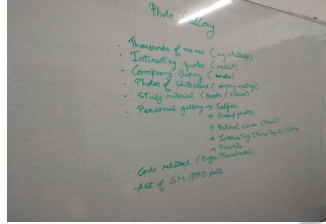
- Who took the photo?
- Where was the photo taken?
- When was the photo taken?
- And so on

Organize on the basis of Semantic meaning



- Are there people present in the photo?
- What does the background consist of?
- Is a picture of a scene?
- What other objects are present in the picture
- Is there text written in the image?

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Deep
Learning!

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- What does the background consist of?
- Is a picture of a scene?
- What other objects are present in the picture
- Is there text written in the image?



Thank You