Estimating aesthetics and interestingness of images
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Most modern search engines use tags and measures of 'web-interestingness' to rank the results of image-search queries.

The human mind implicitly looks for aesthetic value in the results of any image-retrieval, recognition and quality differentiation problem.

Aesthetics is defined by Wikipedia as the presence of elements that invoke a high sensori-emotional value, often referred to as judgements of sentiment.

We plan to computationally estimate the aesthetic content and interestingness of an image by measuring how well it pertains to certain ground rules of Art. Some of them are:
- The 'rule of thirds' and the Fibonacci spiral.
- Presence of vanishing points.
- Focus and saliency of objects.
- Natural framing.

Applications of the concept:
- Aesthetic re-ranking of Image-search results: Find not only the most apt image for your query, but the most beautiful image which fits the purpose.
- While 'web-interestingness' of images is an important measure of characterizing images, it is subjective and temporary. The aesthetic quotient of an image is permanent. Interesting results could crop up when these two search-results could be merged to assist each other.
- Computationally measuring aesthetics in historic works of art/paintings could assist in the study of different styles of various artists. Who conformed to the norms of art? Who thought out-of-the-box? Did it start a trend?
- Personal photo-album management: Wouldn't you like it if your 'best' photographs could be automatically filtered when you are showing your 10,000+ strong photography collection to your friends.