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- Previously, we use histogram directly to estimate distribution.
- If data is sparse we bin data uniformly or with Kmeans.
 - Eg., divide intensities into 0-15, 16-31, ...
- This is almost like KDE using a box filter.
 - 8 is treated like a uniform distribution from 0-15.
 - But 15 is treated the same way.
- Binning is very fast, but KDE makes more sense.
- The same principle can apply in comparing sparse histograms.
 - Eg, smooth histograms then compare with Chi-squared.