reek 8 Lecture Note AL:Clustering To the control of the When the same $||\hat{q}||^2 + ||\hat{q}||^2 + ||$ Optimization Objective $-\infty$ of dutier to which example as we calculate we can define our cast function $\mu_1(\mu_1) = \frac{1}{m} \sum_{i=1}^m \|x^{(i)} - \mu_i\|_{L^2(\Omega)} = \frac{1}{m} \sum_{i=1}^m$ $\min_{i,j}J_{[i,j]}$ That is, we write the sum of the s Choosing the Number of Clusters
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Bonus: Discussion of the drawbacks of K-Means
This lot as a discussion that show a retinus staudards in which it resears gives to any owner than unequently
when the particular configuration of the control of the cont Principal Component Analysis Algorithm for we can apply too, there is a data pre-processing day we need perform: was preprocessing account with a state of the remain of each state, the order to oppose attack of the state of th S. Campute "covariance me $\Sigma = \frac{1}{m} \sum_{i=1}^m (x^{(i)}) (x^{(i)})^2$ This can be vertex ideal in Octa $\frac{1}{m} \cdot Man + (1m) \cdot S \cdot S$ The desired or production study with a significal opposition happens as the the corn equilibrium frequency of the control of the corn equilibrium frequency. When the control of the corn control of the control of the

Choosing the Number of Principal Components

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Now, $\sum_{m\geq 1} \operatorname{Galler}(m, m) \leq \frac{1}{m} \sum_{k=1}^{m} j_k$ Rup given the small variation in the class: $\frac{1}{m} \sum_{k=1}^{m} \lfloor |e^{ik}|^2 \rfloor^2$ O stoce it to the the smallest value such that $\frac{1}{m} \sum_{k=1}^{m} \lfloor |e^{ik}|^2 \rfloor^2 \leq 3.0$ $\frac{1}{m} \sum_{k=1}^{m} \lfloor |e^{ik}|^2 \rfloor^2 \leq 3.0$