Now if
$$(\frac{\sum n}{\sum n^2}) * x = 1$$
,

$$\Rightarrow (\frac{3}{2n+1}) * x = 1$$

 $\Rightarrow x = \frac{2n+1}{3}$

Now $\frac{1^2}{\sum n^2} + \frac{2^2}{\sum n^2} + \dots + \frac{n^2}{\sum n^2} = 1$

Also $\sum_{n=0}^{\infty} \frac{n}{\sum_{n=0}^{\infty} n^2} = \frac{\frac{n*(n+1)}{2}}{\frac{n*(n+1)*(2n+1)}{2}} = \frac{3}{2n+1}$

The data stored is in the form $\frac{1}{\sum n^2}, \frac{2}{\sum n^2}, \dots, \frac{n}{\sum n^2}$ where n is length of the document