

Scalable Data Mining - Assignment 2

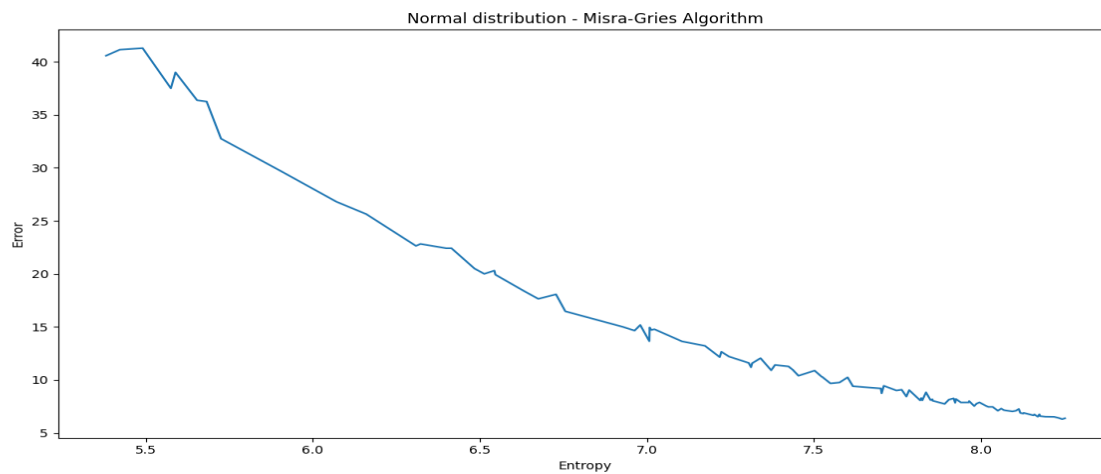
Kousshik Raj (17CS30022)

23-10-2020

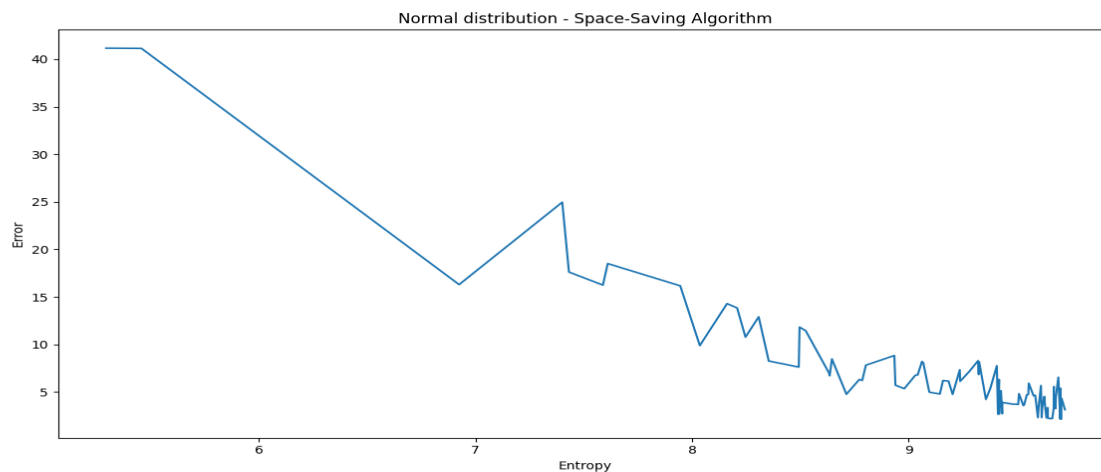
Plots of entropy of data vs. the error of frequency estimates by Frequency Estimation algorithms **Misra-Gries**, **Space Saving**, **Count-Min Sketch** for two different distributions: **Normal** and **Gamma**

1 Normal Distribution

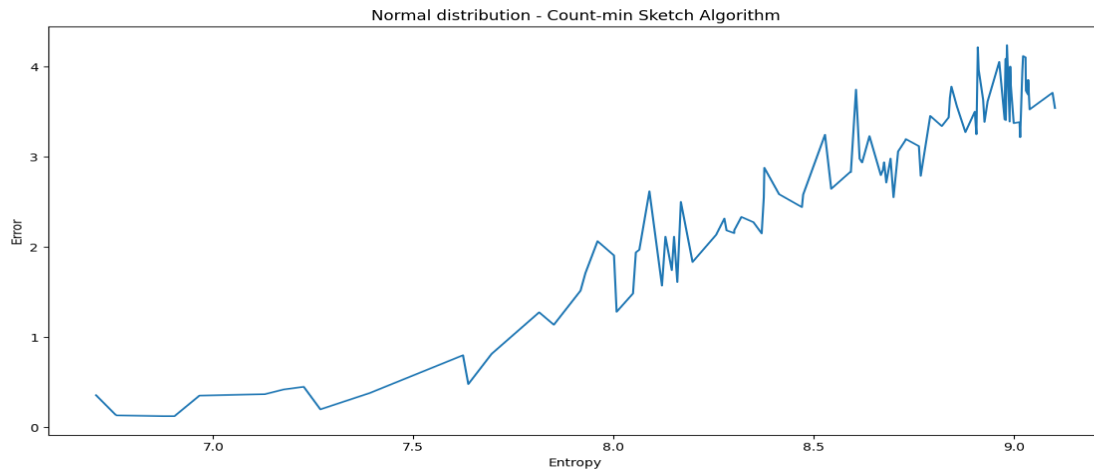
1.1 Misra-Gries Algorithm



1.2 Space Saving Algorithm

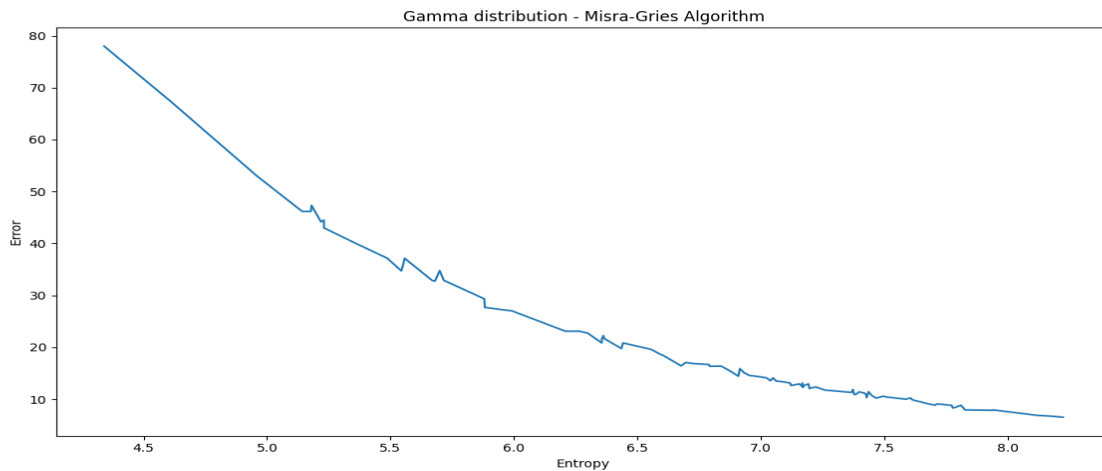


1.3 Count-Min Sketch Algorithm

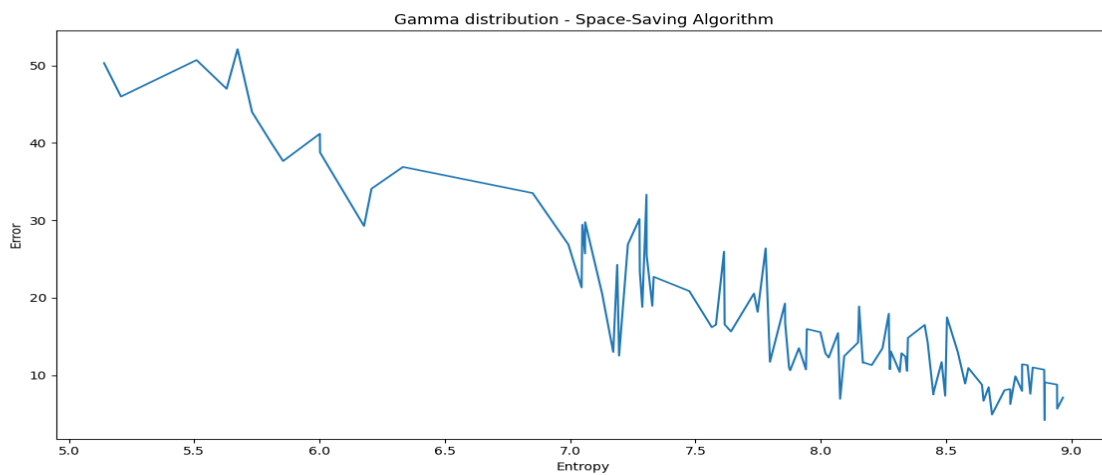


2 Gamma Distribution

2.1 Misra-Gries Algorithm



2.2 Space Saving Algorithm



2.3 Count-Min Sketch Algorithm

