

Capacity Planning for Digital Library (Part 3 HW1)

	Size	Frequency/yr	Total
Tax Records	4 MB	5	20 MB
Legal Documents	4 MB	5	20 MB
Blog Entries	.002 MB	150	.3 MB
Articles	.4 MB	100	40 MB
E-Books	10 MB	2	20 MB
	2 MB	30 albums	60 MB
MUSIC	3000 MB	1	3000 MB
Movies			
			3124 MB/yr
			= 3.124 GB

assuming each item a 10-15 page PDF w/ blog entries being just chat data
300 page book
per song (mp3) standard sample rate
depends a lot on movie and quality

Assume I live till 95.
i.e., 62 more years

then I need a drive that can hold current data ≈ 12 GB

plus 62×3.124 GB

$$= 12 + 193.706 = 205.706 \text{ GB}$$

$$\approx 200 \text{ GB}$$