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Headings you add to the document will appear here.

To help apps or websites load faster (compressed images, videos).

How is different data compressed?

A. Text (like .txt, .docx, .pdf)

Uses lossless compression.

Looks for repeated words or letters.

Makes patterns shorter (e.g. "aaaaaa" → "6a").

Common compressed formats:

.zip

.pdf

.docx (it's a zip file inside!)

Images / Photos

Can be lossless or lossy.

Tries to remove small details or colors you can't see well.

Formats:

Lossless: PNG, GIF

Lossy: JPEG, WebP, HEIC

Music / Audio

Usually lossy, because small sounds can be removed.

Your ears often can't hear tiny differences.

Popular formats:

MP3

AAC

OGG

FLAC (lossless)

Videos

Mix of images + audio + motion.

Almost always lossy.

Uses frame prediction (saves only the changes between frames).