









NYU





- Slides:

- [http://alexanderbock.eu/lectures/2018/ds\\_ga\\_3001\\_017\\_volumerendering\\_optimization.pdf](http://alexanderbock.eu/lectures/2018/ds_ga_3001_017_volumerendering_optimization.pdf)
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# WHY NOT BRUTE-FORCE



- 1. Video
  - 4K HDR video (raw)  
 $3840 \times 2160 \text{ pixels/frame} \times 3 \text{ colors/pixel} \times 10 \text{ bits/color} / 8 \text{ bits/bytes} \times 60 \text{ frames/second} = 1.866 \text{ GB/s}$
- 2. Time-varying volumetric rendering



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