What is Big Data?

<https://aws.amazon.com/what-is/big-data/>

Examples of Big Data-

* Google Searches
  + Over 5.6 billion Google searches are conducted per day, translating to more than 63,000 searches every second.
* Facebook Data
  + Facebook users upload around 350 million photos per day.
  + Every minute, approximately 300,000 status updates are posted on Facebook.
* YouTube
  + Over 500 hours of video content are uploaded to YouTube every minute.
* Twitter
  + Twitter users send out approximately 500 million tweets per day.
* E-commerce Transactions
  + During peak times, major e-commerce platforms can process thousands of transactions per second.
* Internet of Things (IoT)
  + By 2030, it's estimated that there will be around 125 billion connected IoT devices globally, contributing significantly to the volume of data generated.
* Financial Transactions
  + The New York Stock Exchange (NYSE) alone handles billions of transactions on a daily basis.
* Healthcare Data
  + The global healthcare data is expected to reach 2314 exabytes by 2020, driven by the adoption of electronic health records and medical imaging.
* Scientific Research
  + Large Hadron Collider (LHC) at CERN generates approximately 30 petabytes of data annually from particle collision experiments.