Digital Versatile Disc

- **Type of access**: Direct/Random
- **Uses of**:
  - Used to distribute software
  - Used to store reference (encyclopedia) books with multimedia content
  - Used to distribute games

- **Adv of**:
  - Used to store series of video files
  - Portable media
  - Has faster transfer rate than Floppy disk
  - Less waste of paper than using a book
  - Has a faster access time than the internet
  - Cheap to produce and replace
  - Can't delete data from it
  - Shows video and sound unlike a book

- **Disadv of**:
  - The media can be unreadable if scratched
  - Cheaper DVD's need to be stored carefully
  - More expensive to produce than other Optical storage devices
  - Takes a while for the disc to load

- **Can hold 8.5gb of data (usually 4.7gb)**
- **Types of**:
  - DVD-R
  - DVD-RW

Optical Storage Medium

- **Type of access**: Direct/Random
- **Can store around 200gb of data on each disc**
- **Adv of**:
  - Holds more data than CD/DVD/HD DVD and Solid State devices
  - Gaining a lot of popularity

- **Disadv of**:
  - More expensive to produce than other optical storage devices

- **Optical Storage Medium Can store around 300gb of data on each disc**
- **Adv of**:
  - Priced cheaper than Blu-ray players
  - HD-DVD players are much cheaper for a consumer to purchase than Blu-ray players
  - HD-DVD discs are cheaper to produce than Blu-ray discs

- **Disadv of**:
  - Not as popular as Blue Ray Discs

HD DVD

- **Can store around 200gb of data on each disc**
- **Adv of**:
  - More expensive to produce than other Optical storage devices

- **Disadv of**:
  - It takes a while for the disc to load

- **Faster transfer rates than Hard Disk**
- **Cheap to produce and replace**
- **Can't delete data from it**

- **Can hold 700mb of data**
- **Has faster transfer rate than Floppy disk**
- **Cheaper to guy than magnetic media**
- **The media can be unreadable if scratched**
- **Cheaper CD's need to be stored carefully**
- **Once the data is written it can't be erased**

- **Portable media**

- **Uses of**:
  - Used to store audio mp3 files

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