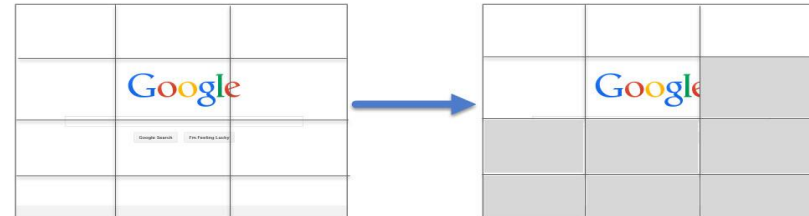
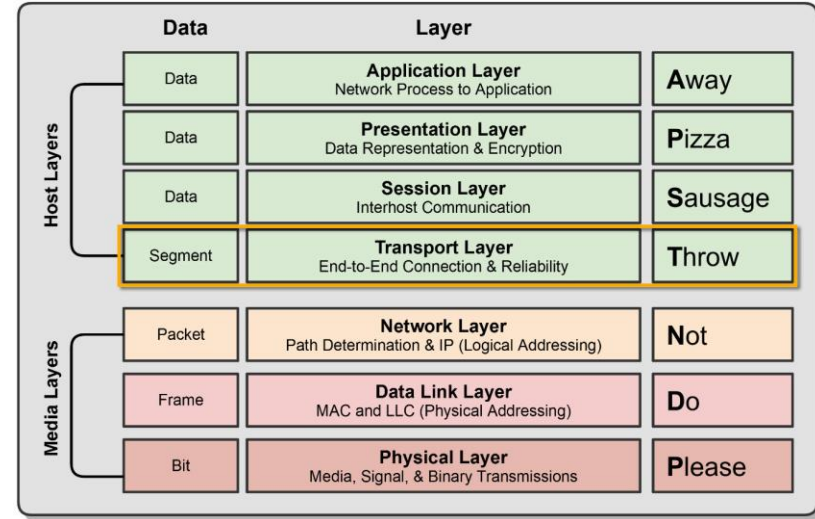


# Layer 4 - Transport Layer

- Ensures data is delivered error-free and in sequence.
- Segments data and reassembles correctly.
- Can be connection-oriented or connectionless.
- Considered the “Post Office” Layer
  - **TCP** (Transmission Control Protocol)
  - **UDP** (User Datagram Protocol)
  - Covered in detail in the next section.



# Layer 4 - Transport Layer

Responsible for two data flow control measures:

- **Buffering**
  - Stores data in memory buffers until destination device is available.
- **Windowing**
  - Allows devices in session to determine the “window” size of data segments sent.

