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| --- | --- | --- |
| **Layer** | Example | Purpose |
| **Application** | HTTP, DNS, SMTP | Actual data (e.g. web request) |
| **Transport** | TCP, UDP | Reliable delivery or speed |
| **Network** | |  |  | | --- | --- | |  | IP | | |  |  | | --- | --- | |  |  | | Routes data across networks |  | |
| **Data Link** | Ethernet/Wi-Fi | Transfers frames within a local network |
| **Physical** | Cables, radio | Sends actual bits as signals |

Every time you send data over a network, it moves through layers: