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## FUNDAMENTAL PRINCIPLES OF PHYSICAL LAYER

- ★ One of the major functions of the physical layer is to move data in the form of electromagnetic signals across a transmission medium.
- ★ The data usable to a person or an application are not in a form that can be transmitted over a network.
- ★ For example, an image must first be changed to a form that transmission media can accept.
- ★ To be transmitted, data must be transformed to electromagnetic signals.

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