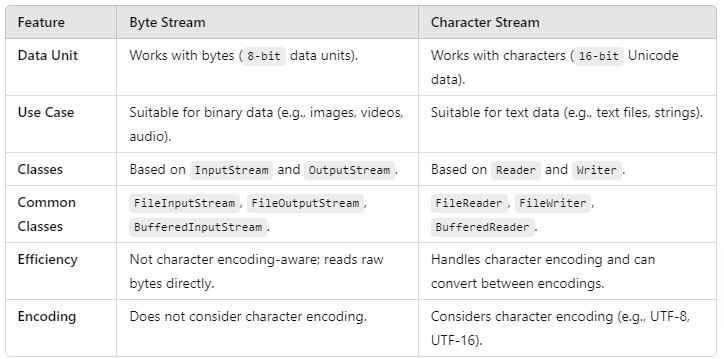
**Key Differences Between Byte Stream and Character Stream**



Key Differences Between Byte Stream and Character Stream

**When to Use Byte Stream**

* **Binary Data**: Use Byte Streams when dealing with binary data such as images, audio files, or video files where character encoding isn’t necessary.
* **Network Communication**: When sending or receiving raw bytes over network connections or when interacting with low-level data streams.
* **Serialization**: Use Byte Streams for serializing objects to binary format.

**When to Use Character Stream**

* **Text Data**: Use Character Streams when reading or writing text files or when handling character data in Unicode format.
* **Localized Text**: Use Character Streams when working with character data that needs proper encoding (such as UTF-8 or UTF-16).
* **Text-Based Protocols**: When dealing with protocols or APIs that exchange information in text format, Character Streams are more suitable.

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