1. **Digital Clocks**:

* To count seconds, minutes, or hours (part of a larger system).

1. **Event Counting**:

* Counting objects, pulses, or occurrences in industrial automation.

1. **Data Processing**:

* Keeping track of iterations or data in finite cycles, like in state machines.

1. **Microcontroller Interfaces**:

* For keeping track of cycles or data packets.

1. **Learning and Teaching**:

* Demonstrating how binary and decimal systems work in digital electronics.