

Easy Steps

# How cache Works

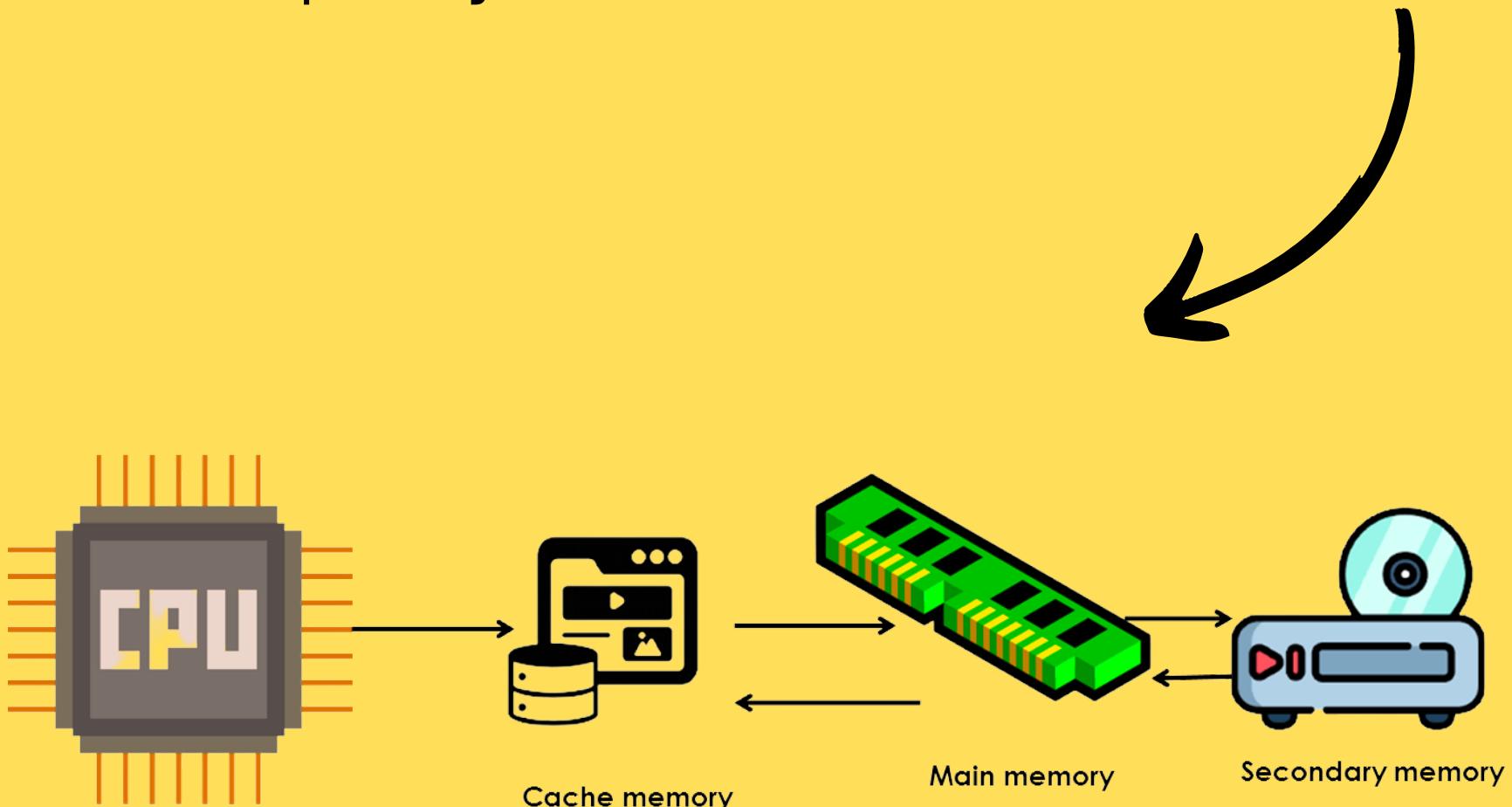


**Imagine that you are trying to remember a list of items for shopping**

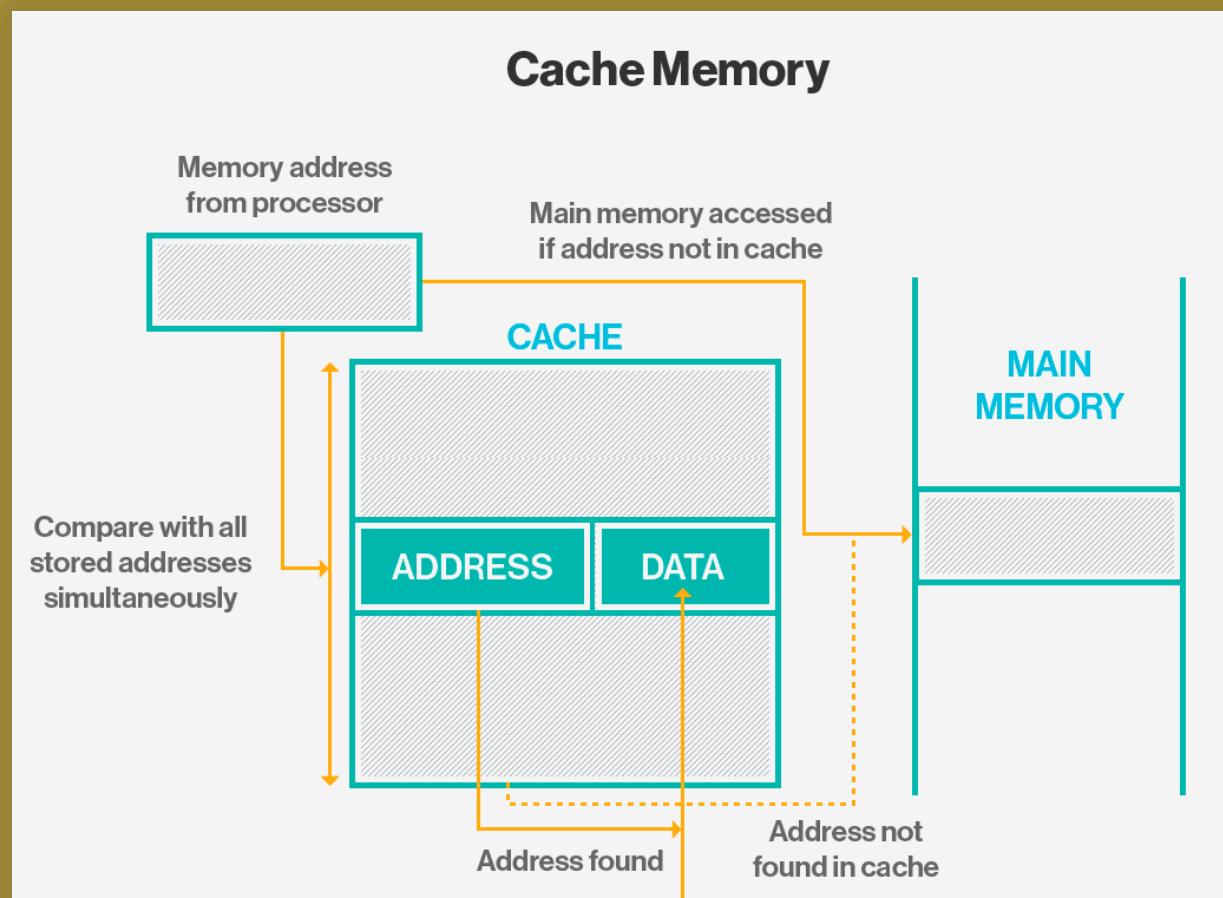
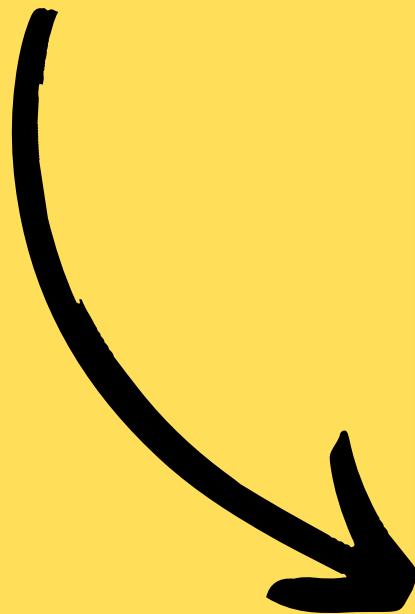


# This is basically how Cache works

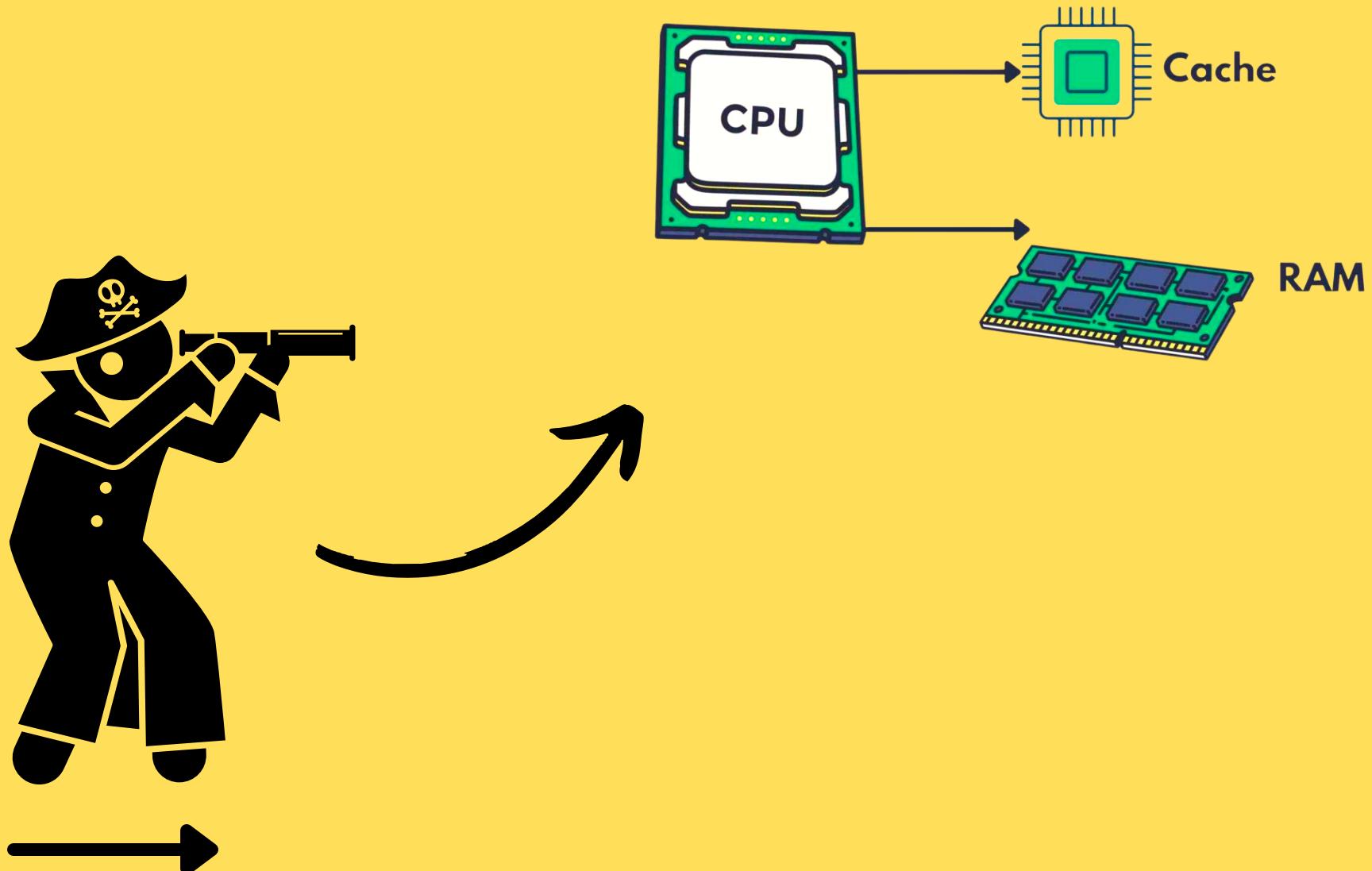
It's a way of storing frequently accessed data in memory to access and retrieve it when needed quickly



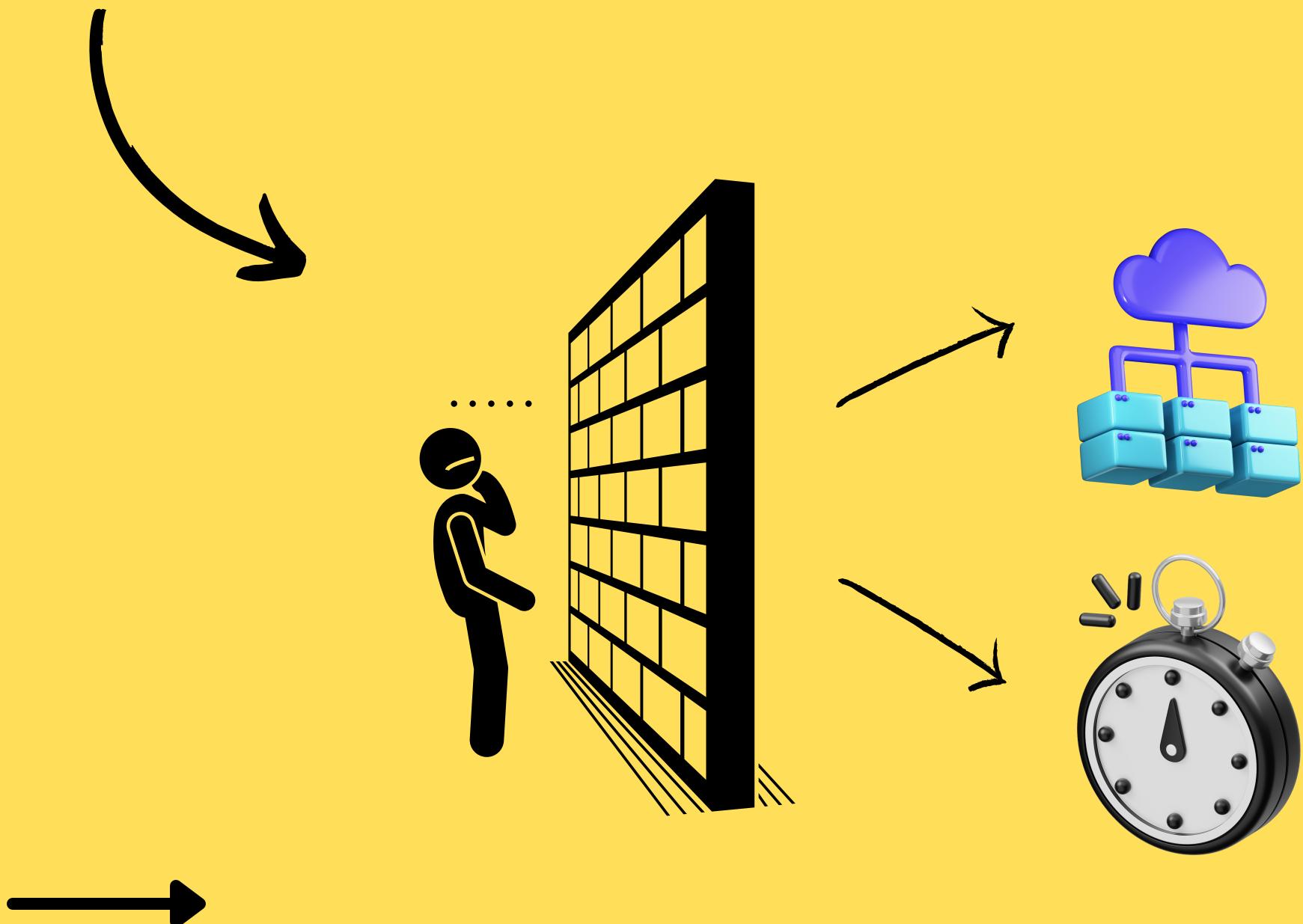
**Cache is used for many activities such as speeding up websites, optimizing databases, and caching user session data**



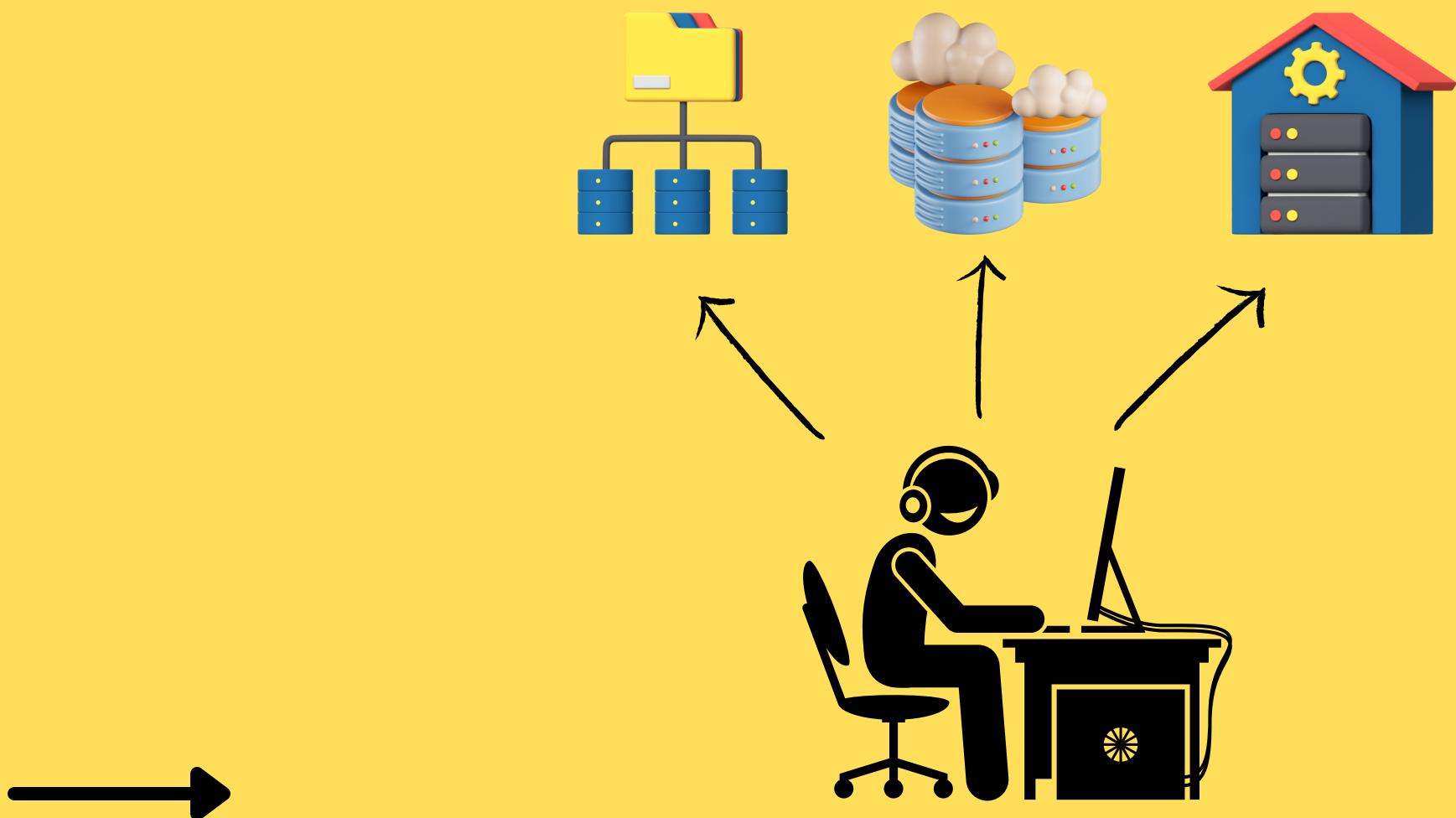
**It works by keeping copies of recently requested data or instructions on hand instead of retrieving them from the main storage each time they are needed**



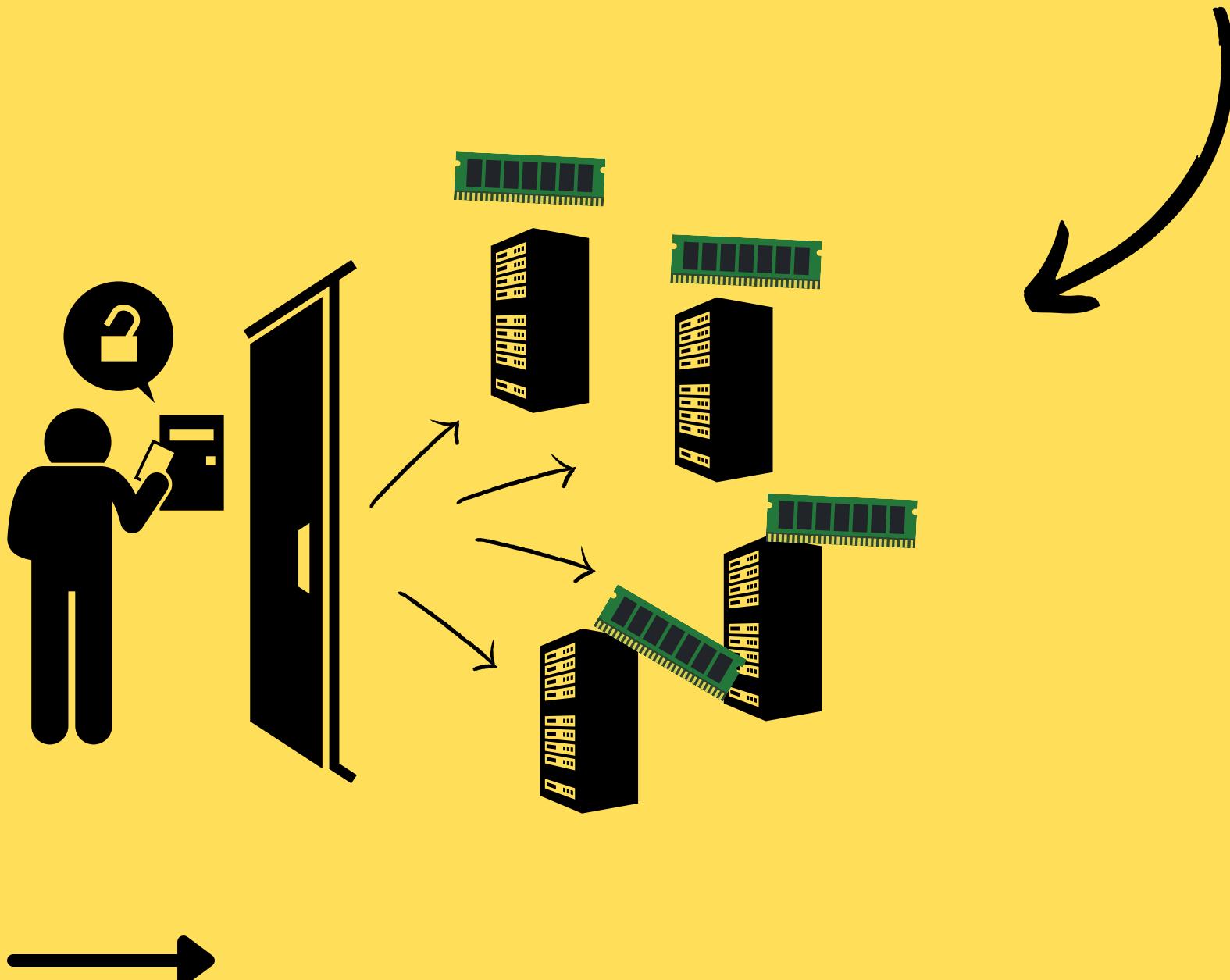
**This helps reduce the time spent waiting for information or instructions to be sent back and forth between the storage and processing units**



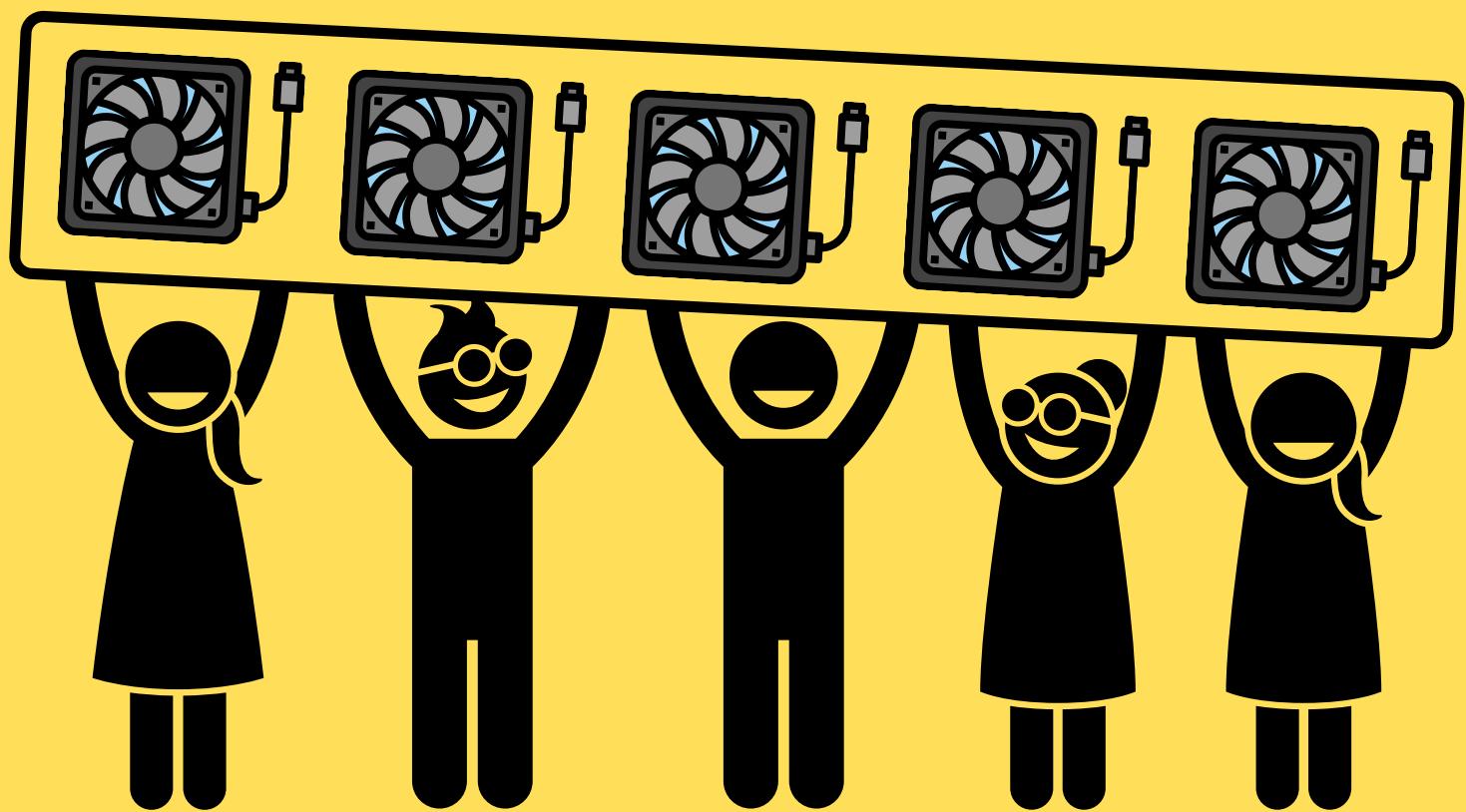
**Cache is an essential part of computing and can help improve performance reduce load times and boost efficiency.**



**Cache is also used to ensure that data is secure, as the cached information can be encrypted or hashed to make it difficult for third parties to access.**

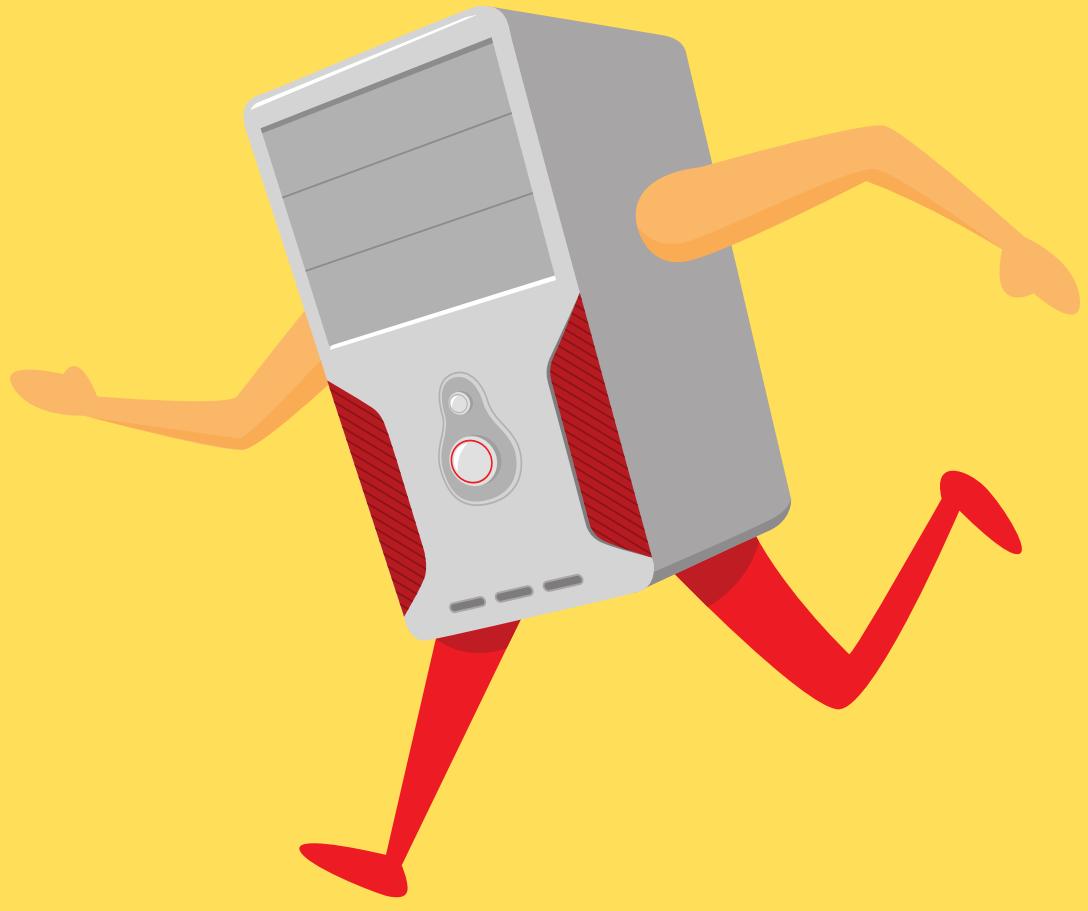


**Cache is a critical component of many types of software and hardware, providing users with fast access to commonly requested data**



# By using Cache

**Organizations can reduce latency while still maintaining access to critical information**





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Developer Advocate

# What do You Think About This Post?

I hope this helps! Comment below  
to let me know what else you like to learn.  
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