

# Extract, Transform, Load 101



#1  
Data experts and CDM experts together design the ETL



#2  
People with medical knowledge create the code mappings



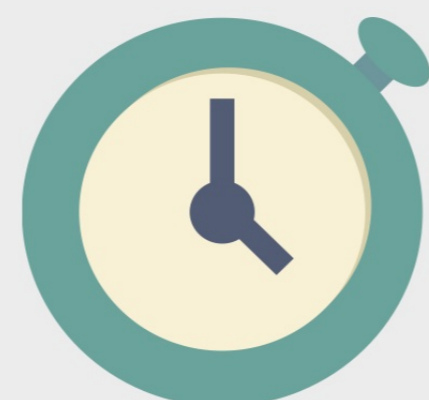
#3  
A technical person implements the ETL



#4  
All are involved in quality control

## **OHDSI** *Tip:*

Your ETL team should include someone with (1) clinical knowledge (2) institutional knowledge (3) familiar with source data



The ETL process can take 2 weeks to 6 months, depending on the size and complexity of the source data

## ETL Resources



**White Rabbit**  
To summarize the data in your source databases



**Rabbit-in-a Hat**  
To document how data flows from source tables to CDM tables



**ACHILLES**  
To characterize data in the CDM and explore [them] interactively