



# Recap....

- > **Social media data.**
- > **Internet of things, industrial internet,**
- > **Personal devices data.**
- > **Data from a survey and so on.**





# Guess Your topic....



**Extract**



**Transform**



**Load**



# Extract, transform and load Structured Query Language.

## Databases

- Most commonly, data is stored in organizational databases.
- We'll learn to use SQL to query, and organize, relevant data.



# Application Programming Interface .....

## APIs

- **Most common/useful/easy way for pulling specific data from other sources.**





# Time for Assessment....

1. \_\_\_\_\_ supports to pull data from the web and other sources
2. Which Application of subroutine to be used to load data



# SUMMARY.....

- ❖ ETL
- ❖ SQL
- ❖ API



# Reference....

1. <https://docs.microsoft.com/en-us/azure/hdinsight/hadoop/apache-hadoop-etl-at-scale>
2. [https://www.youtube.com/watch?v=xM1t3SE0\\_6o](https://www.youtube.com/watch?v=xM1t3SE0_6o)

