

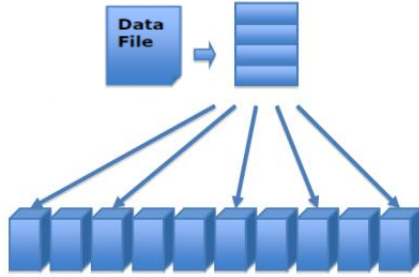
## Data Challenge: Stage III



- Data Playground
- Scalability
- Change of Mindset
- Data Challenge
- NEM Culture
- Wrap-up

- Strategies to process large amount of data
- Modeling Subsystems

# Data Playground



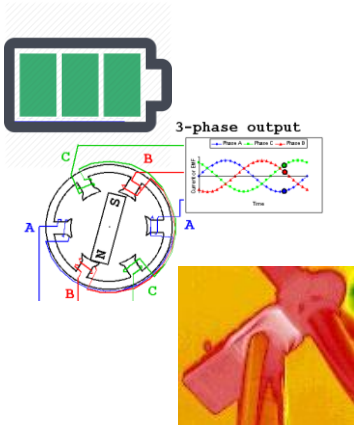
WTGPwr



GENBearingTemp



HDRG Press



## Some take-away lessons:

### Feature selection:

- Model subsystems based minimum number of features.

### Algorithm selection:

- Complexity does not necessarily mean better results.

### Modeling:

- Aim is to describe normality vs failure prediction.

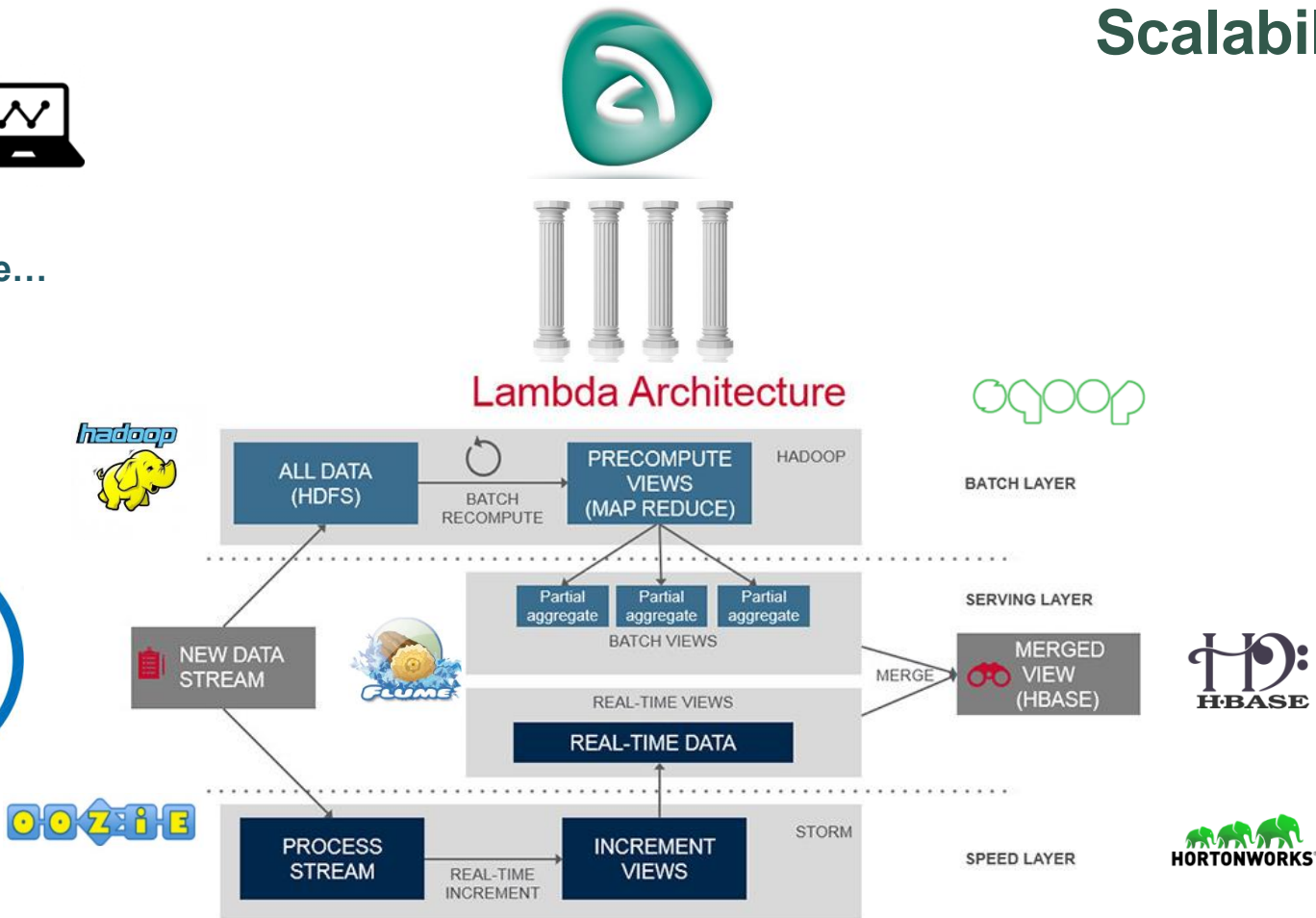
### Data resolution:

- Should be capable of capturing the physical phenomena of interest.

# Scalability



Once upon a time...



# Change of Mindset

- Data is a valuable asset
- Data governance : assessing, managing, using, improving, monitoring, maintaining, and protecting organizational information.
- Fight the Status Quo

# Data Challenge



- Superb experience !
- Perfect for me, right timing.
- High dedication.

## Suggestions:

- It's been a long journey
- A bit more feedback ?
- Publish solution(s) ?



Passion

Focus

Novelty

Unity

Fresh

Unique

Young

Openness

Sharing

Team work

Organization

Innovation

Energetic

Know-how

Memorable





**THANK YOU  
GRACIAS  
ESKERRIK ASKO !**

