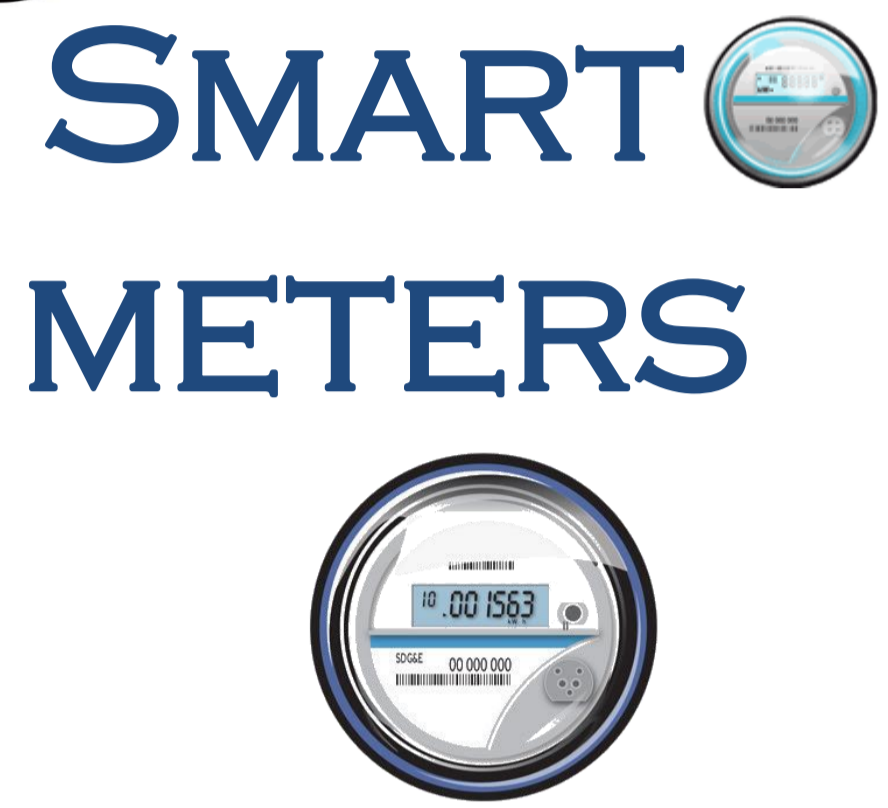
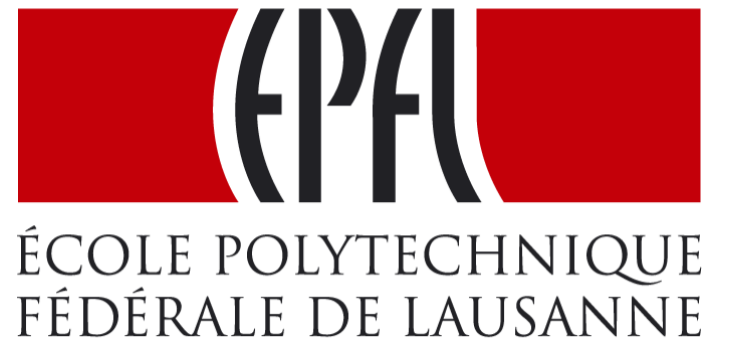
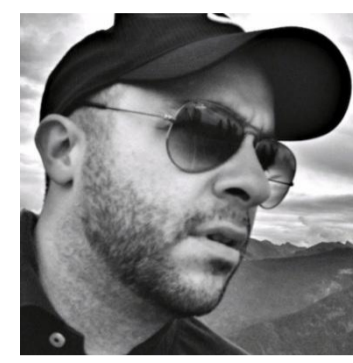


# SmartD: Smart Meter Data Analytics Dashboard

for Energy Consumption Behavior Analysis

Aylin Jarrah Nezhad | Tri Kurniawan Wijaya | Matteo Vasirani | Karl Aberer



From **costly deployment** to **data deluge**

HOW can we benefit from them?  
HOW can we get the most out of them?

1 From **context** to **key customer characteristics**

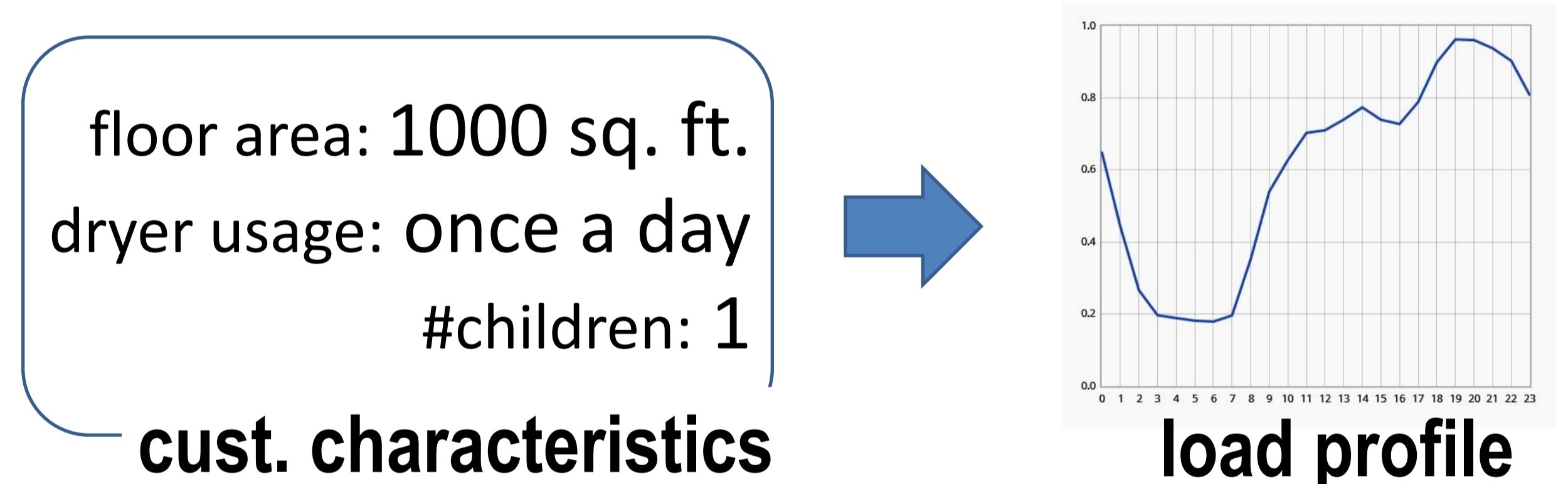
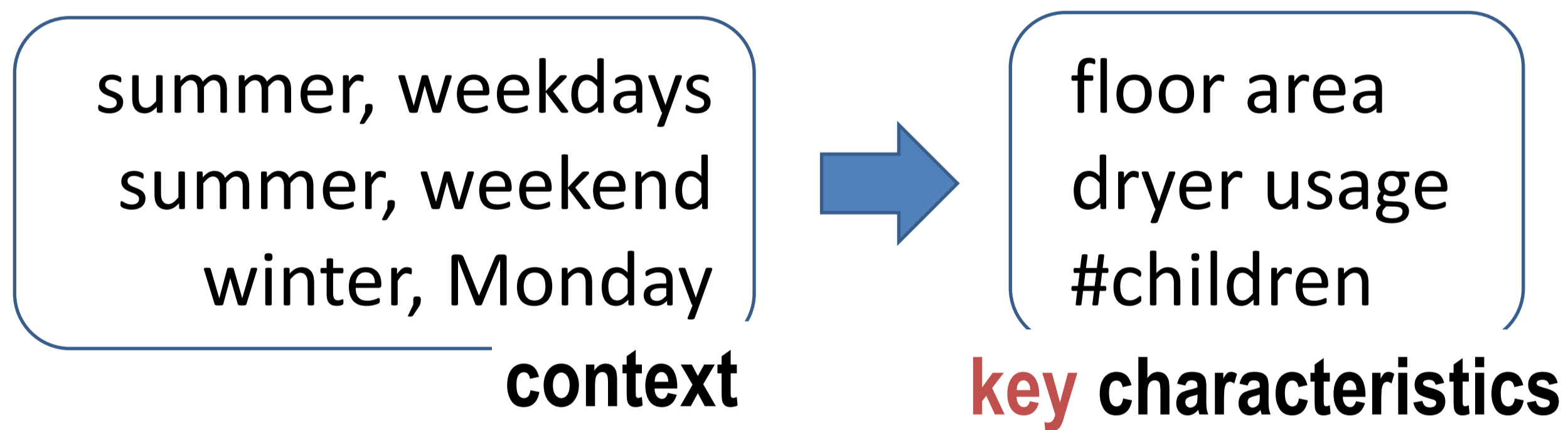
2 From **customer characteristics** to **load profiles**

WE ANSWER:

**which** customer characteristics define energy consumption on a certain context?

WE ANSWER:

**how** does the load profile of a customer with some specific characteristics look like?



3 From **context** to **load profiles**

WE ANSWER:

**how** do the customers' load profiles:  
★ on a certain **context**,  
★ on different **temporal aggregations**,  
★ compared to the **other customers**,  
★ in the near **future**,  
look like?

**how** are their energy consumption distribution look like?

context start/end time  
aggregation hourly/daily/...  
comparison one or more cust.

