

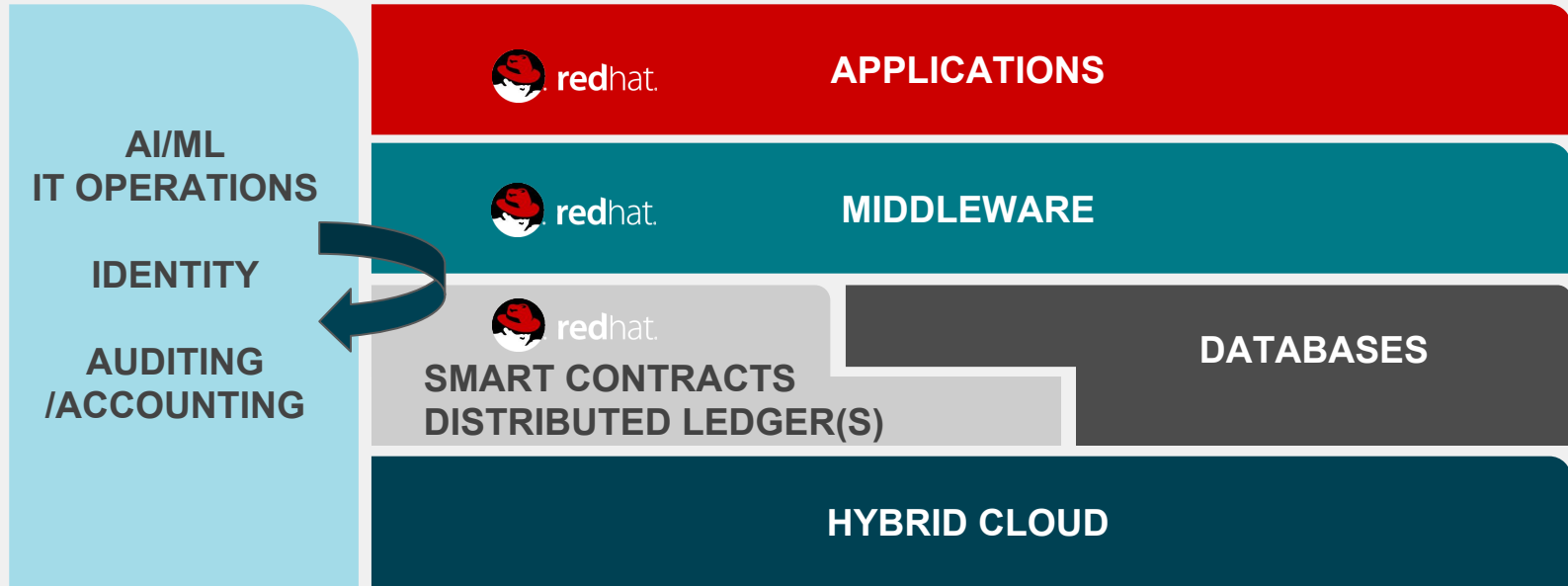


# Blockchain, IoT and AI - pretty maids all in a row?

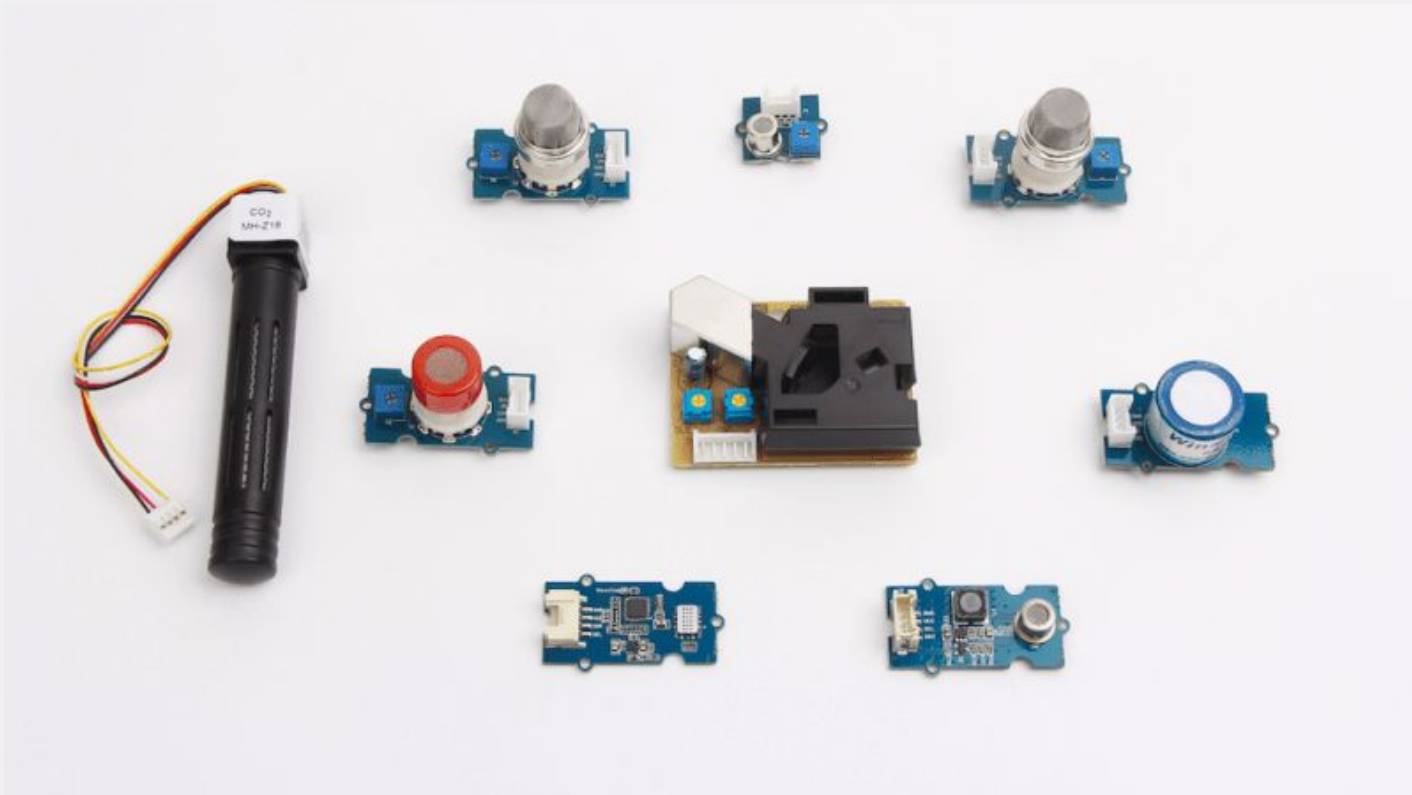
Martin Percival, Bruno Ciscato



# The Enterprise IT Stack in 2025?



# Internet of Things



# Internet of Things



# Internet of Things

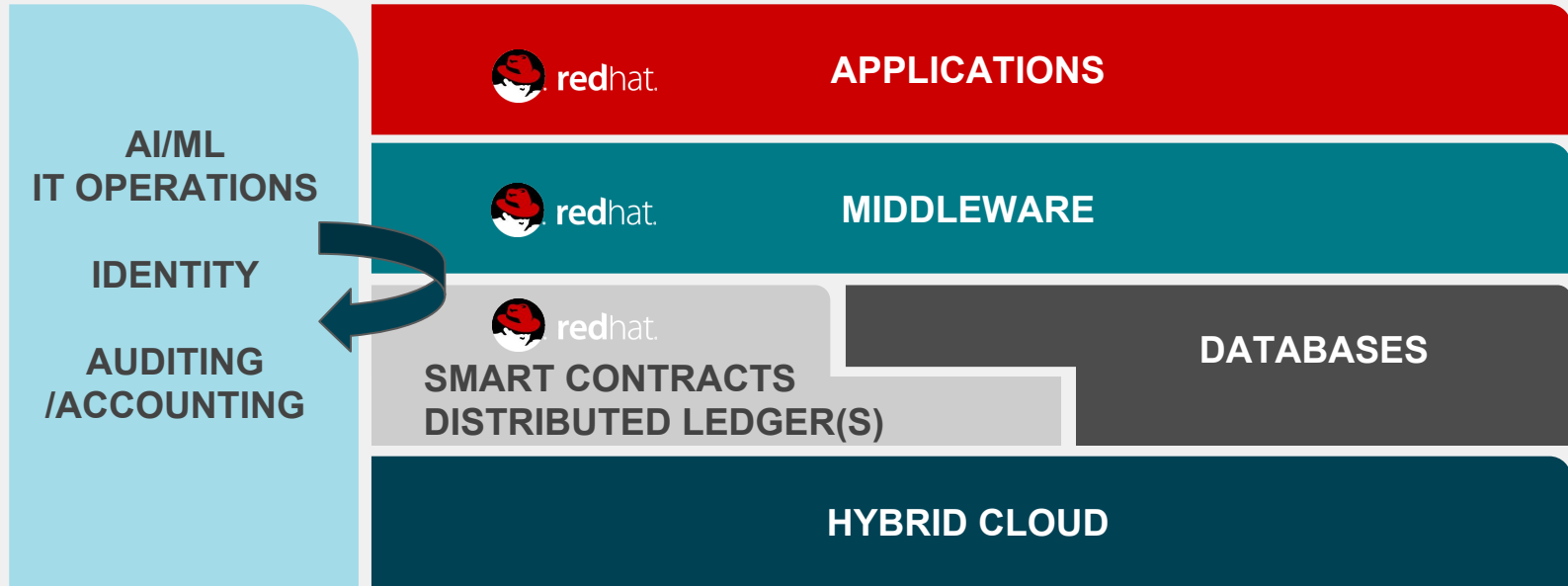


**HACKED IN 2017**

# Empowering the Internet generation



# The Enterprise IT Stack in 2025?



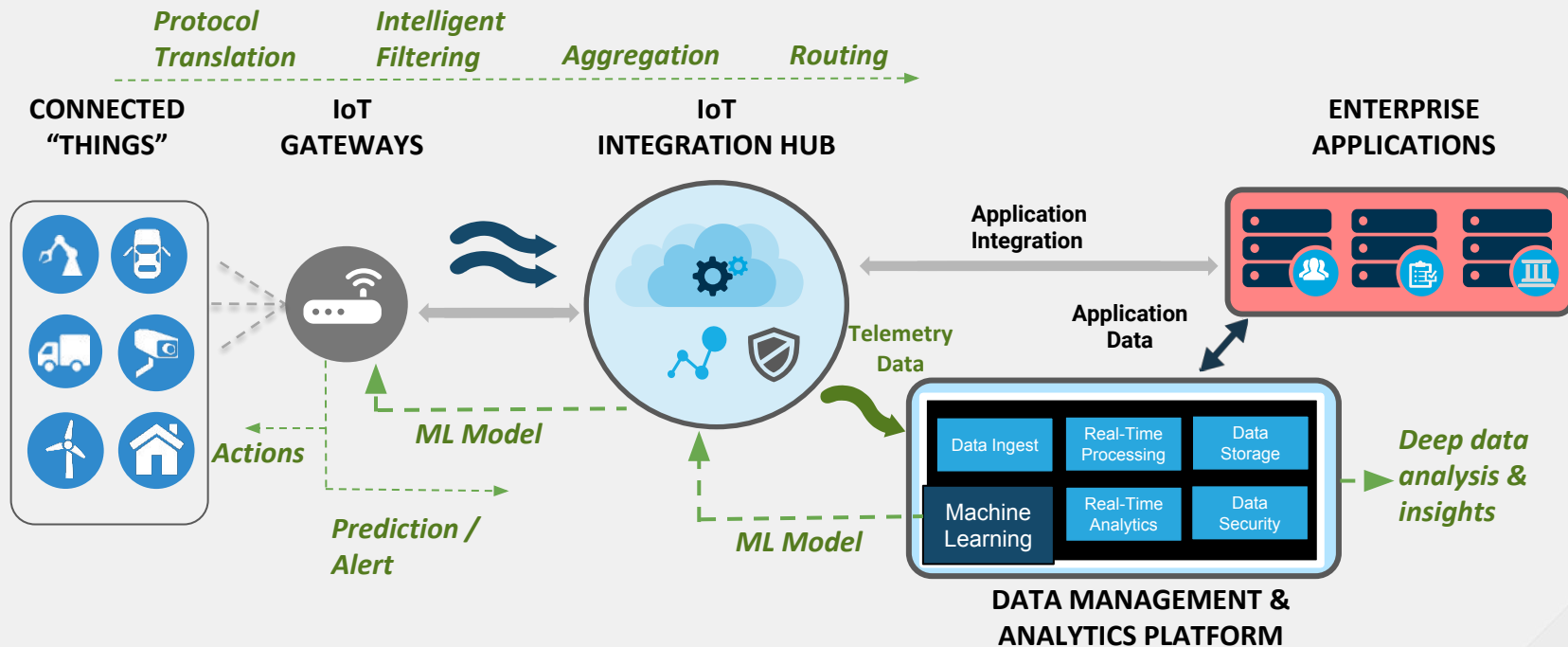
# Blockchain solutions

- Blockapps partnership
- Hyperledger foundation
- FUSE Camel connector for Ethereum
- RHOAR Vert.x runtime supports corda



# End-to-end IOT and Analytics

Data flow to derive deep business insights and actionable intelligence



# A First Move.....

## On-demand Analytic Clusters with a shared data lake



### HIT SERVICE-LEVEL AGREEMENTS

Give teams their own compute clusters.



### BUY 10s OF PBS INSTEAD OF 100S

Share data sets across clusters instead of duplicating them.



### ELIMINATE IDLE RESOURCES

By right-sizing de-coupled compute and storage.



### INCREASE AGILITY

With spin-up/spin-down clusters.

# De-coupled Stack with Private Cloud Infrastructure



MAPR



presto 

Analytics vendors provide analytics software.



Provisioned Compute Pool via OpenStack



Shared Datasets on Ceph Object Store



Red Hat provides cloud infrastructure software.



Translate

English

ag ag

Turn off instant translation



e gates of the valley by

Suggest an edit

© Gosocial.co

#redhat #rhsummit



No amount of algorithmic sophistication will  
overcome a lack of data.

**FALSE**

David Kiron, executive editor of MIT Sloan Management Review

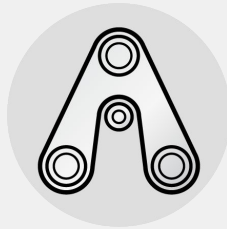
**Saliency Bias** (also known as perceptual salience) is the tendency to use available traits to make a judgment about a person or a situation. **Salience** is how noticeable or observable something is while a **bias** is an altered way of thinking or perceiving.

# How Red Hat sees AI

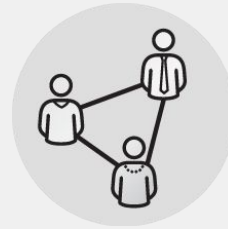
Click to add subtitle



A workload  
requirement



Applicable to Red  
Hat's existing core  
business



Valuable as an  
**Intelligent  
Platform**  
experience.



Enabler for  
building  
**Intelligent Apps**

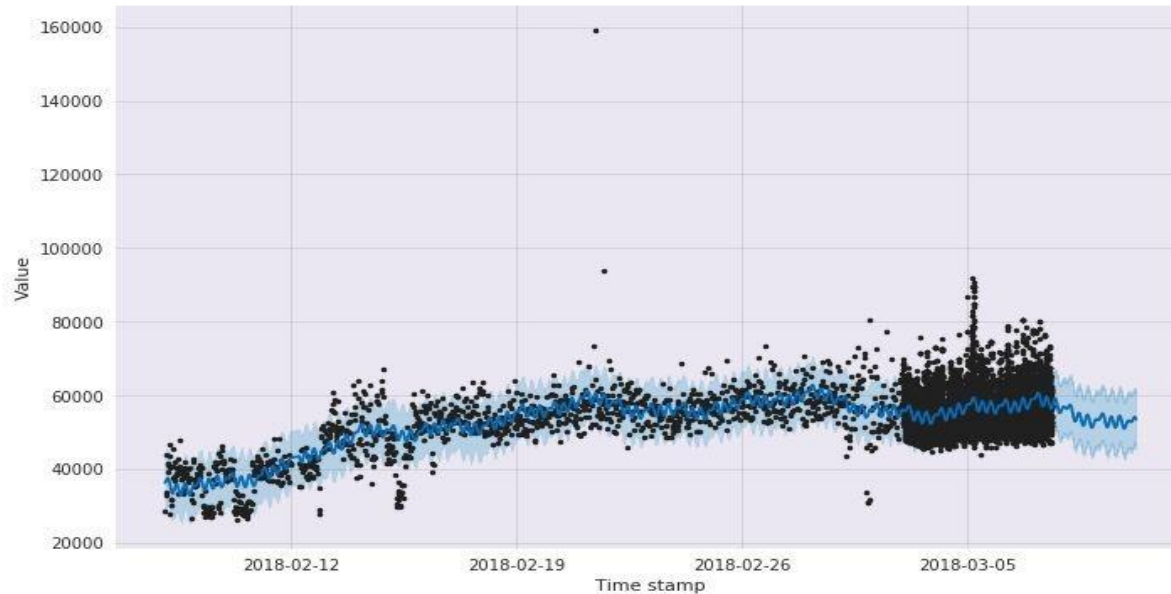
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DATA AS THE FOUNDATION

# Current Use Case

## Anomaly Detections and Predictions for Red Hat Cloud Services

```
In [47]: m.plot(forecast,xlabel="Time stamp",ylabel="Value");
```

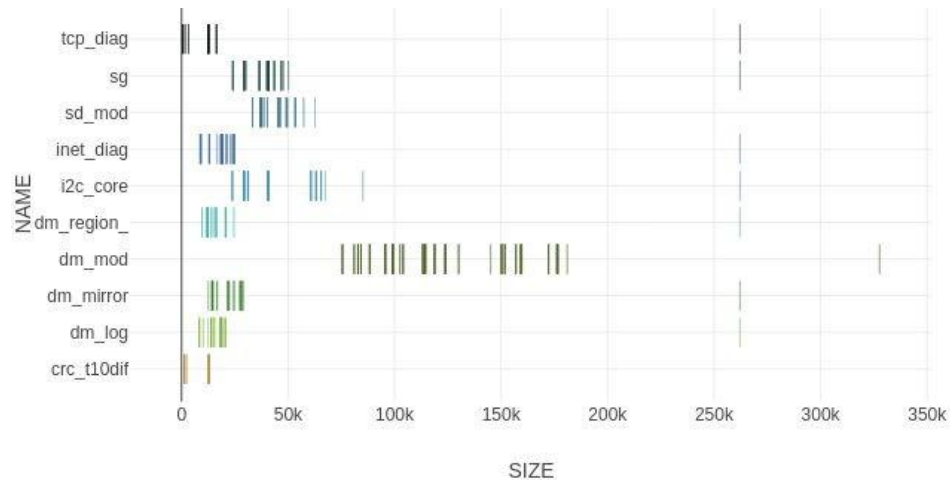
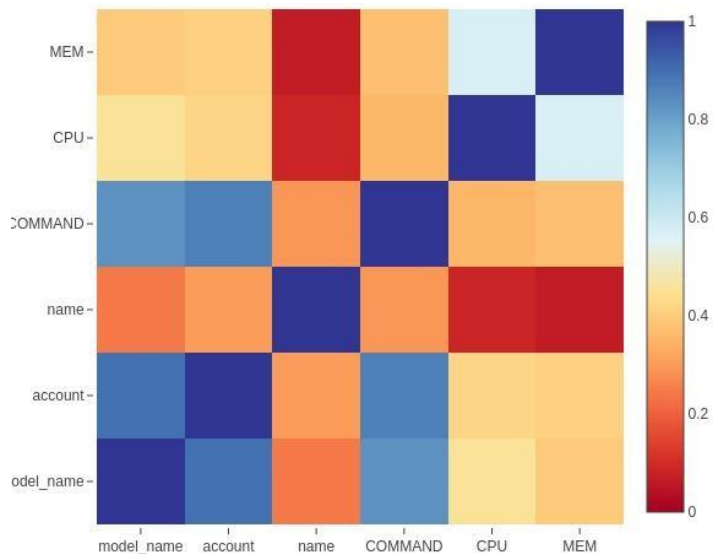


Detect and predict outlier patterns in cloud metrics to improve stability of services



# Current Use Case

## Analyzing INSIGHTS Parser Data and SOS reports



Perform exploratory statistical analysis and visualize a useful initial overview of the data

Thank You