

SINATRA



COS'E'?



SINATRA E' UN ALGORITMO APPLICABILE A TUTTI QUEI
CAMPI CHE OPERANO CON SEQUENZE TEMPORALI



LE SEQUENZE TEMPORALI SONO CAMPIONAMENTI
DI UNA MISURA CHE AVVENGONO NEL TEMPO



ALCUNI ESEMPI DI AMBITI DI APPLICAZIONE



SETTORE
OSPEDALIERO



MONITORAGGIO DELLE CONDIZIONI DEL PAZIENTE

1

view today (critical issues)



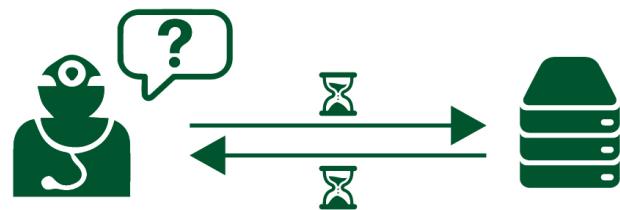
internet connection



cost



speed



departments connection



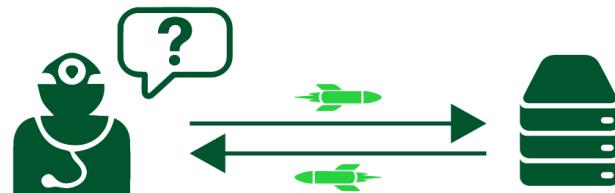
2

Today with sinatra

internet connection



speed



cost



departments connection



3

practice test



parameters

cardio

samples

10 seconds: 1 sample

temperature

1 minute: 6 samples

oxygen

1 hour: 360 samples

body movement

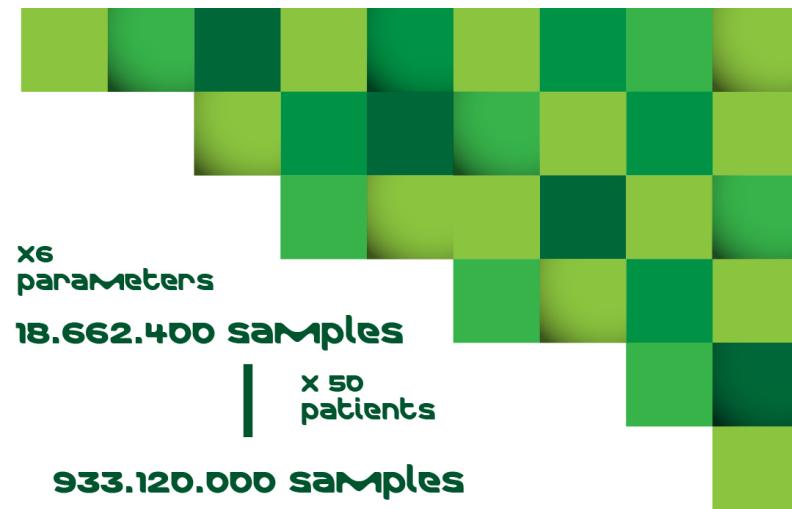
1 day: 8640 samples

pressure

1 Month: 259.200 samples

ormonal level

1 year: 3.110.400 samples



88,9 gb

24 hours work

0,86 gb

1 week work

0,088 gb

now

1/103 compression

Hackathon
sinatra

1/1000 compression

sinatra

amount

how

quality

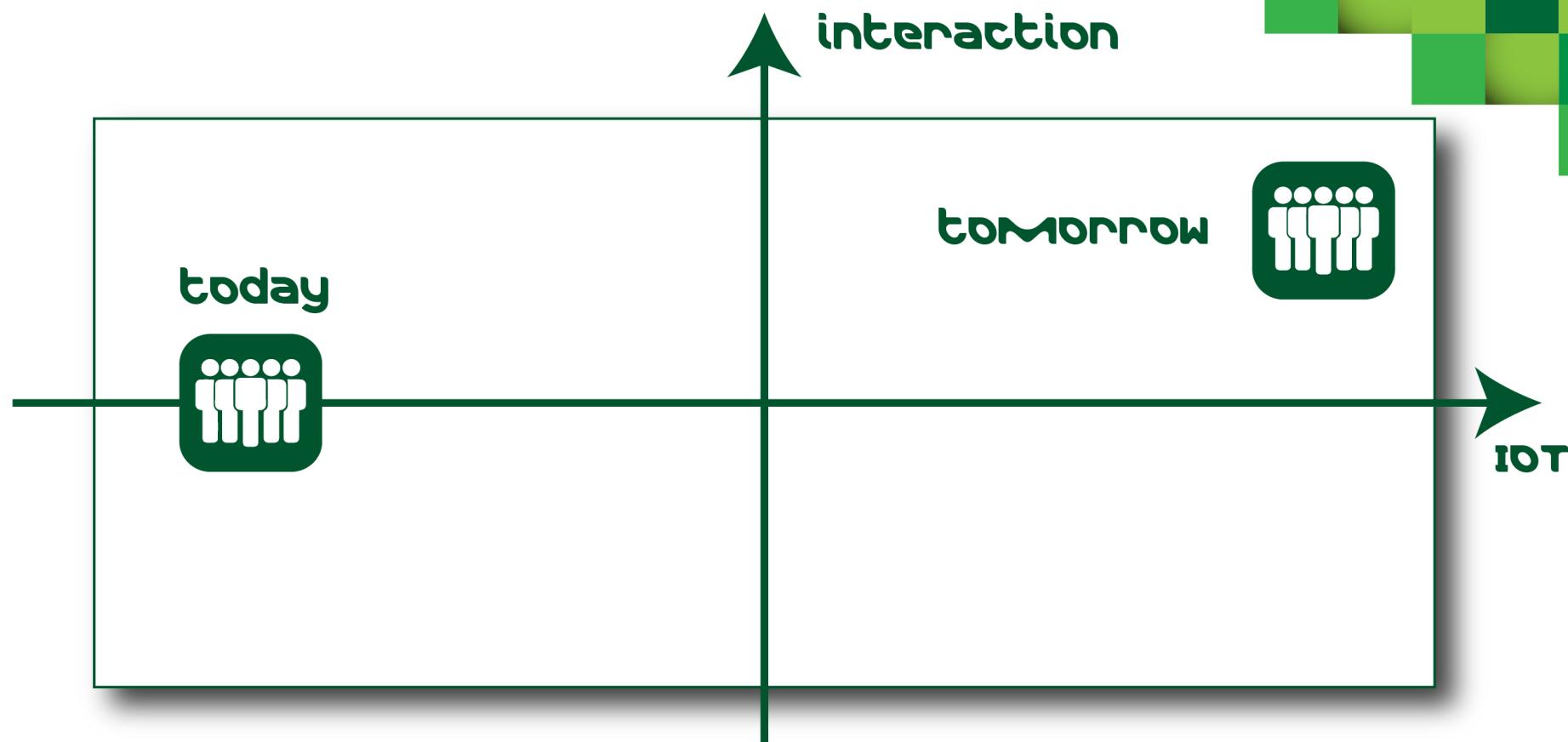
Half Pocket

SINATRA

4

view tomorrow

("scenario" Model jrc)



5

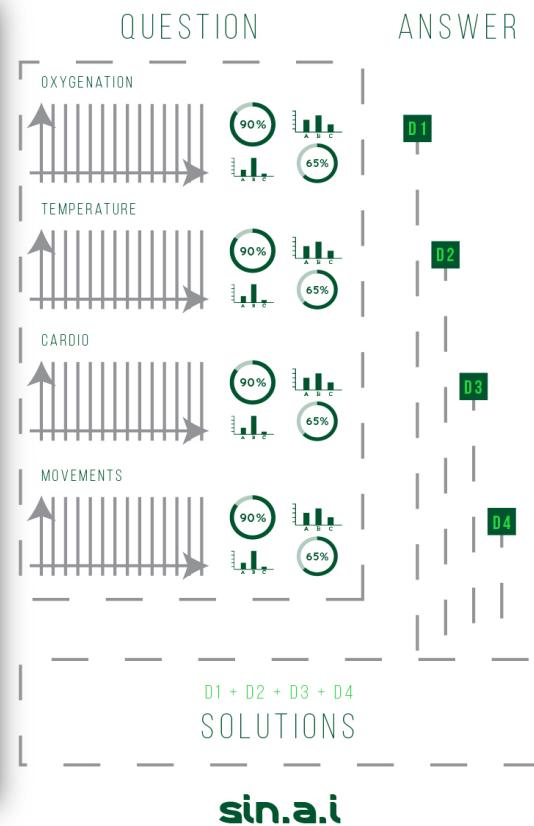
TOMORROW with sinatra

WELCOME BACK GIULIA

ASK ME
WHAT IS THE QUALITY OF MY SLEEP?

MONITORS THE FOLLOWING DATA

SINATRA



DIAGNOSIS: RESPIRATORY ARREST

EVERY NIGHT YOU HAVE A RESPIRATORY ARREST THAT INCREASES YOUR HEART RATE AND MAKES YOU MUCH MOVEMENT

ANALYSIS OF CLINICAL DATA

MEDICAL SOLUTION

YOU SHOULD TAKE MEDICATION TO BREATHE BETTER AND OPEN THE NASAL CAVITY THROUGH INHALERS AND AEROSOLS.

RECOMMENDED MEDICINES ➤

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