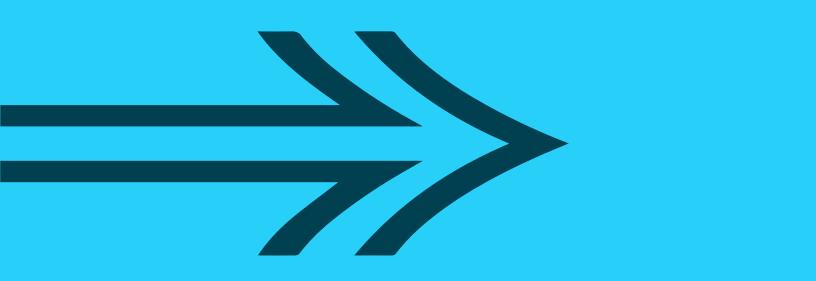
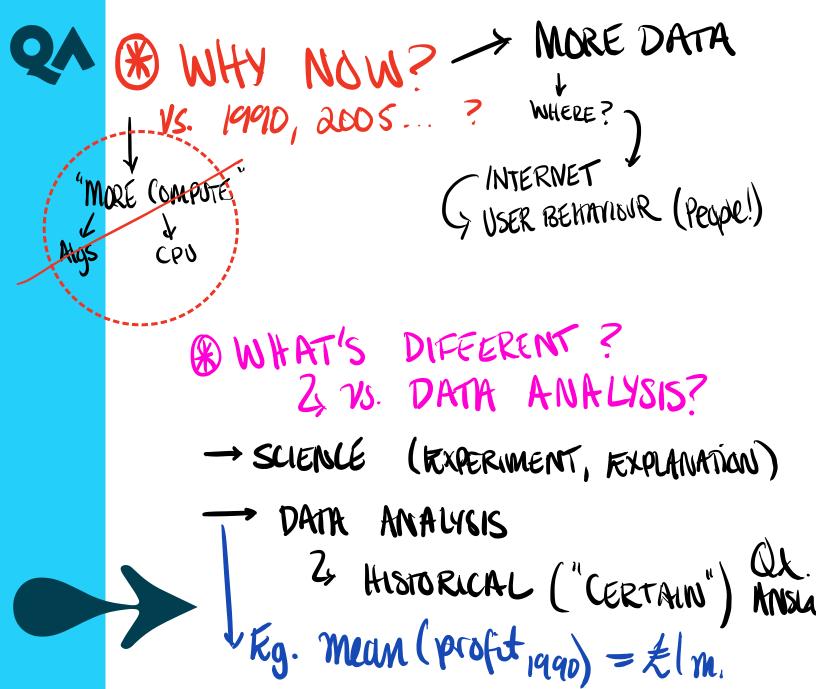
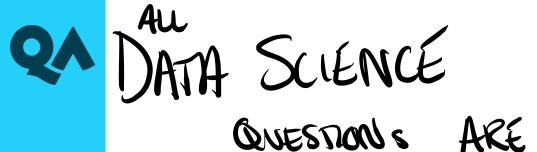


INTRO TO DATTA SCIENCE



MACHINE AND AND COMP. VISION MACH > MODELING * PROBABILITY STATISTICS CNTERPRETATION & MEANING) ATA Science NISONTING ? EXPERIMENTATION
RESEARCH. 15 (Krents PRUESING. MAG



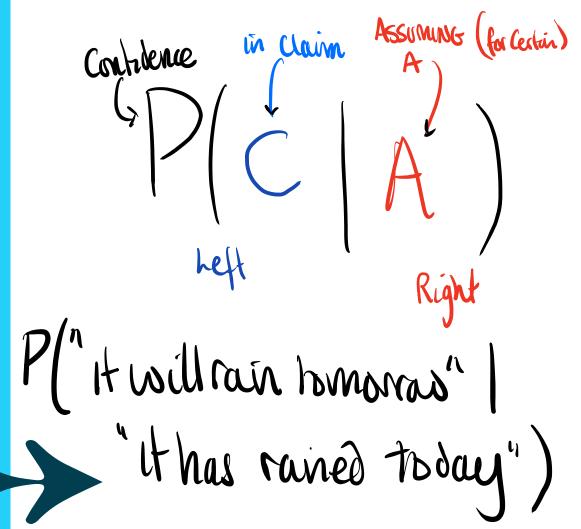


PROBABALISTIC

Eg. What profit is most likely M 2030 - AND - How confident are we in that profit?









VARIATIONS IN NOTATION

P(X) X-amount of rain'

7- "amout of rain"

A Claim about Y Assumption about x

P(V) "ASSUMING IMPLIED BACKGROND "knowledge"

P(H) = doesn't make sense... $P(H \mid 2H,T3) = \frac{1}{2}$ CLEARER Fg.
P(Fraud | Age, Amout)

Question Assumptions

QA DATA SCIENCE EXAMPLES

INDUSTRIES & DATASETS

HEALTHCARE - SCREENING
FINANCE - STOCKS

UTILITIES - POWER SUPPLY

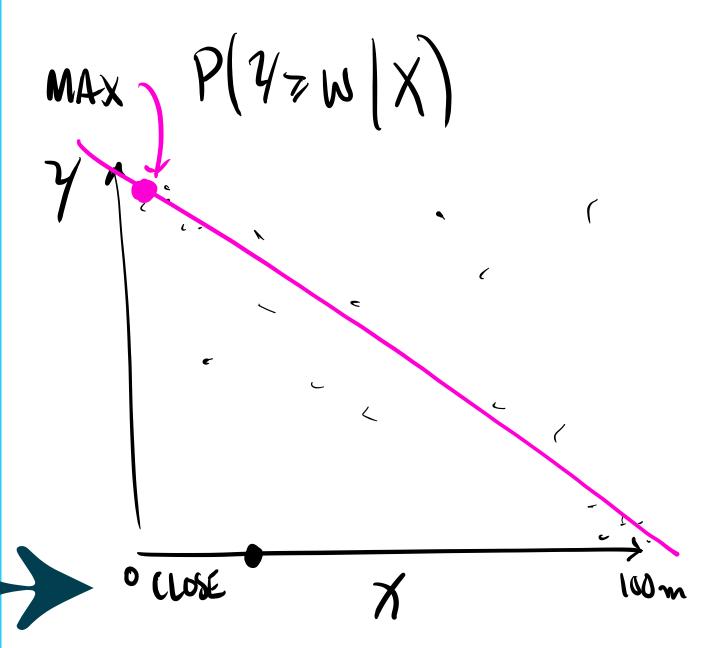
INSURANCE - FRUAD

RETAIL - PRODUCTS

RETAIL - PRODUCTS 2, "HOW WELL WILL A PRODICT SELL? 3 y (question) BASED ON "LOCATION IN STORE" X (assumption) WELL Del. No. Mint / Month > W - Catoff P(42W X)

P(47W(X) (o close

QA



ASIDE: KG. Probabilly Rue "Emphasing the significant connections" P(C|E) = P(E|C) P(c)P(E) I "MORE ACCURATE" P(C|E,B) = P(E|C,B)P(C|B)P(E/B)

