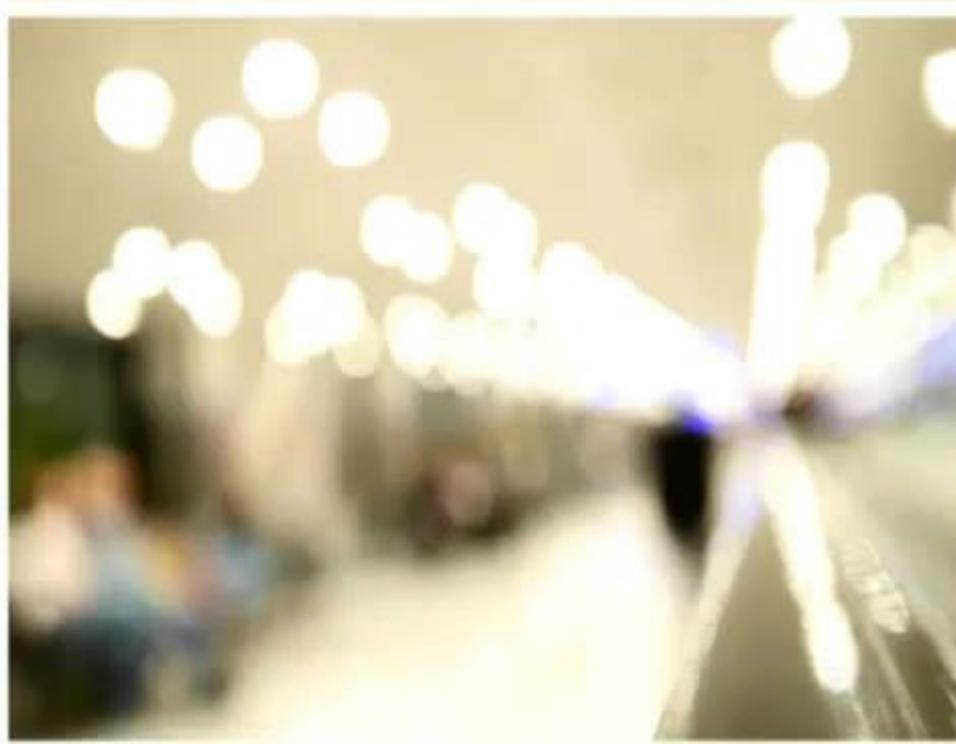




DATA 4 SAFETY

An Airlines Perspective – Capt Martin Timmons
Safety Manager Ryanair



BACKGROUND

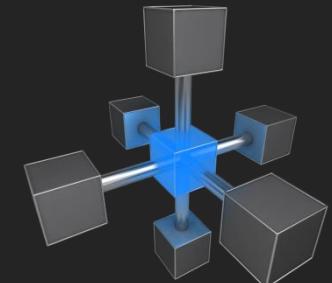
Search for precursors of
accidents

“SEE IT COMING”

Risk Based Oversight

“KNOW WHERE TO LOOK”

Need for intelligence,
assembly of data and
serious analytical capacity





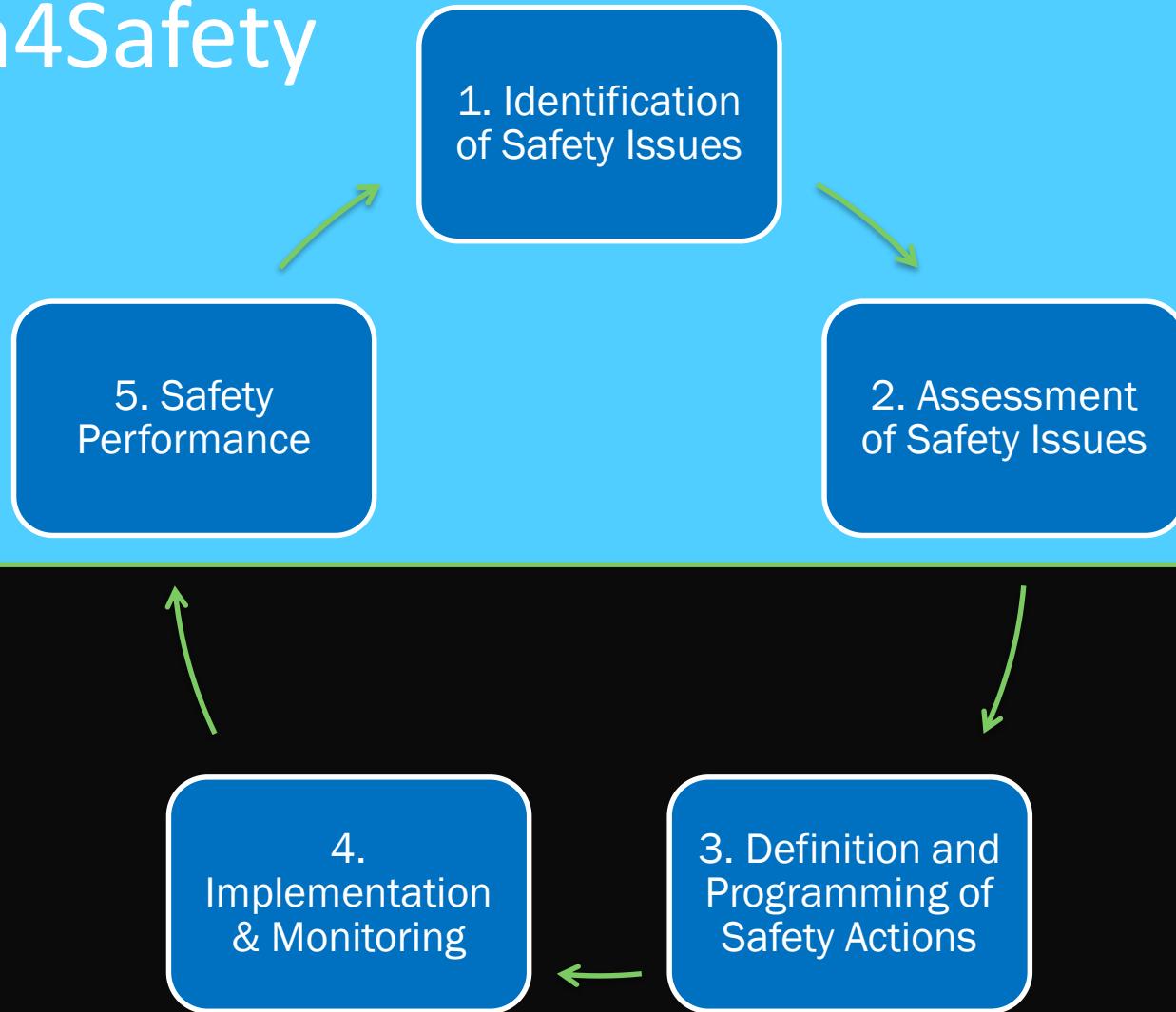
“Often events are seen as things to be fixed.....

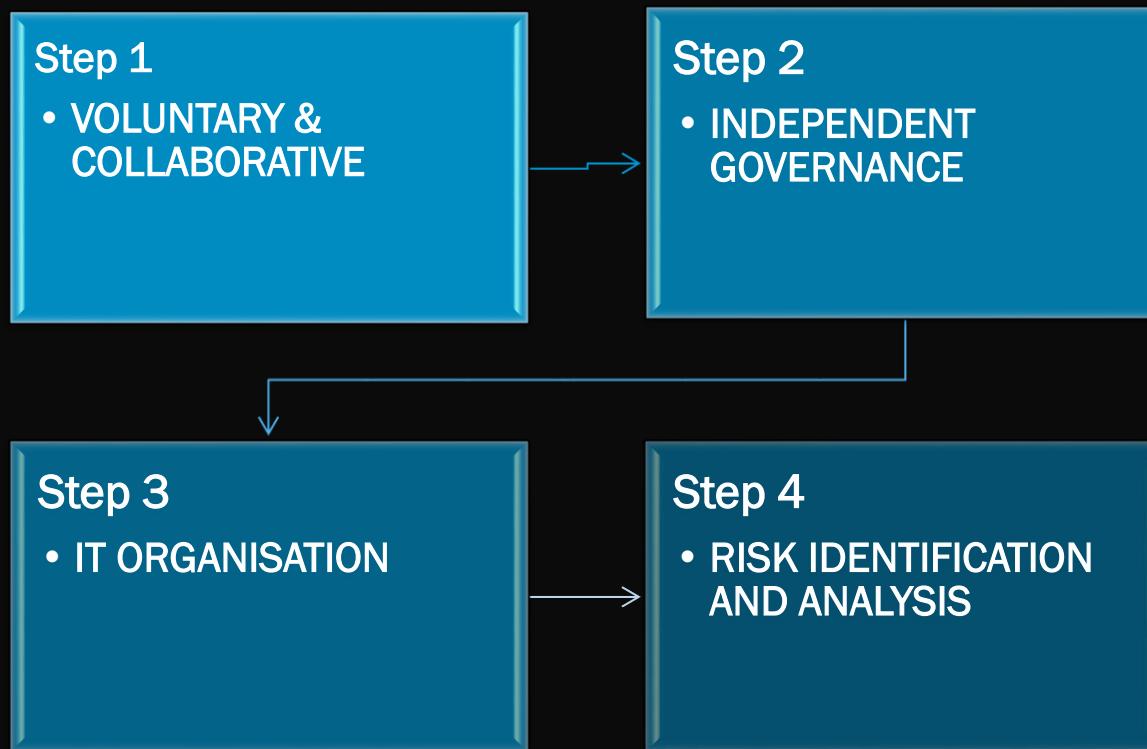


.....events should be seen as opportunities to inform our risk model”

VISION FOR THE FUTURE

Data4Safety



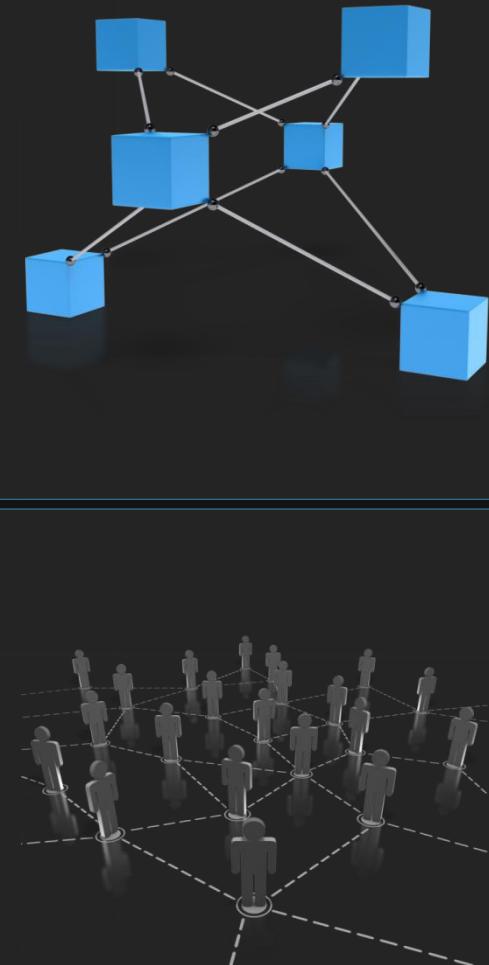




TARGETED DATA

SAFETY REPORTS FDM

WEATHER ATM





DATA SCIENCE

1

DATA ANALYTICS & MINING

2

BIG DATA

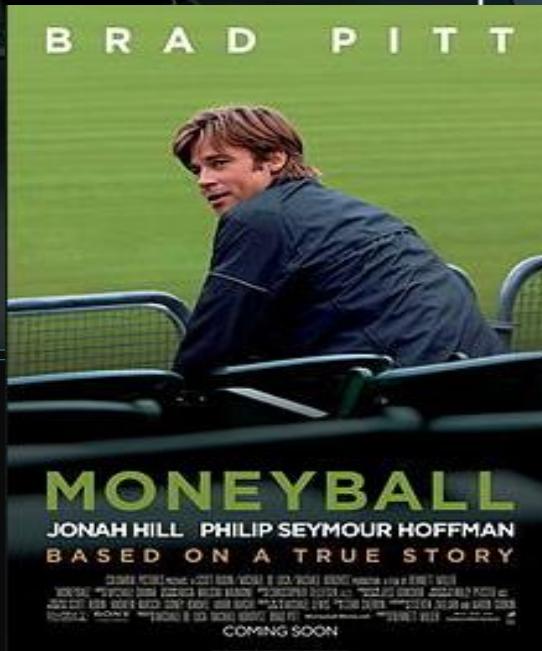
3

STATISTICS

4

MACHINE LEARNING







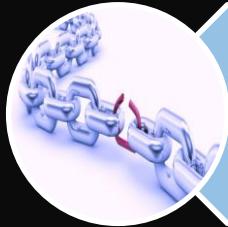
Metrics



Blind Benchmarking



Directed Studies



Vulnerability Discoveries

08:14

RTC



Frieda Heinz

'Crashproof' Motorrad

THANK YOU



TIMMONSM@RYNAIR.COM