



Is Data Science a game changer for Operations Research?

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ORTEC | DataScience

1979

THE FUTURE OF
OPERATIONS
RESEARCH IS
PAST (ACKOFF)



AT ORTEC WE WANT TO IMPROVE THE WORLD
WITH OUR PASSION FOR MATHEMATICS



1981



SUCCESES



SUCCES

OPERATIONS
RESEARCH ONE OF
THE MOST
PRESTIGUOUS
STUDIES



GAME CHANGERS

- MULTI DISCIPLINARY
- FASTER GAME
- ANALYZE OPPONENT
- NO MATTER WHAT



GAME CHANGERS

- AMOUNT OF DATA
- TECHNOLOGY
- COMPETITION
- DISRUPTORS



GAME CHANGERS

- MULTI-DISCIPLINARY
- FASTER MARKET
- HIGH DEMAND
- MORE TECHNIQUES
- MORE STUDIES



DATA SCIENCE:

ACQUIRING KNOWLEDGE FROM DATA, OFTEN ENOUGH TO IMPROVE DECISION MAKING

OPERATIONS RESEARCH:

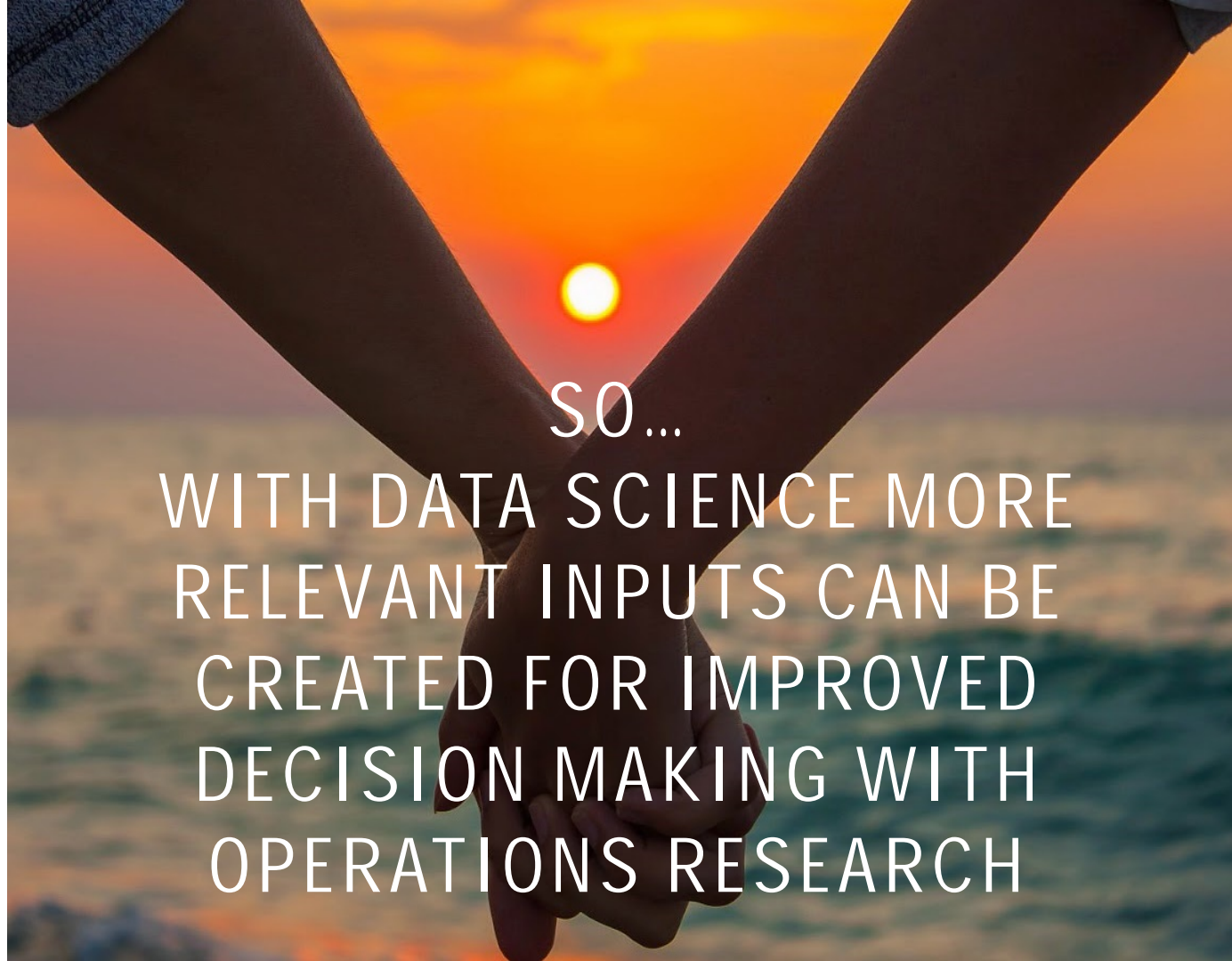
OPTIMIZE DECISION MAKING BASED ON THE KNOWLEDGE THAT YOU HAVE OF THE DATA

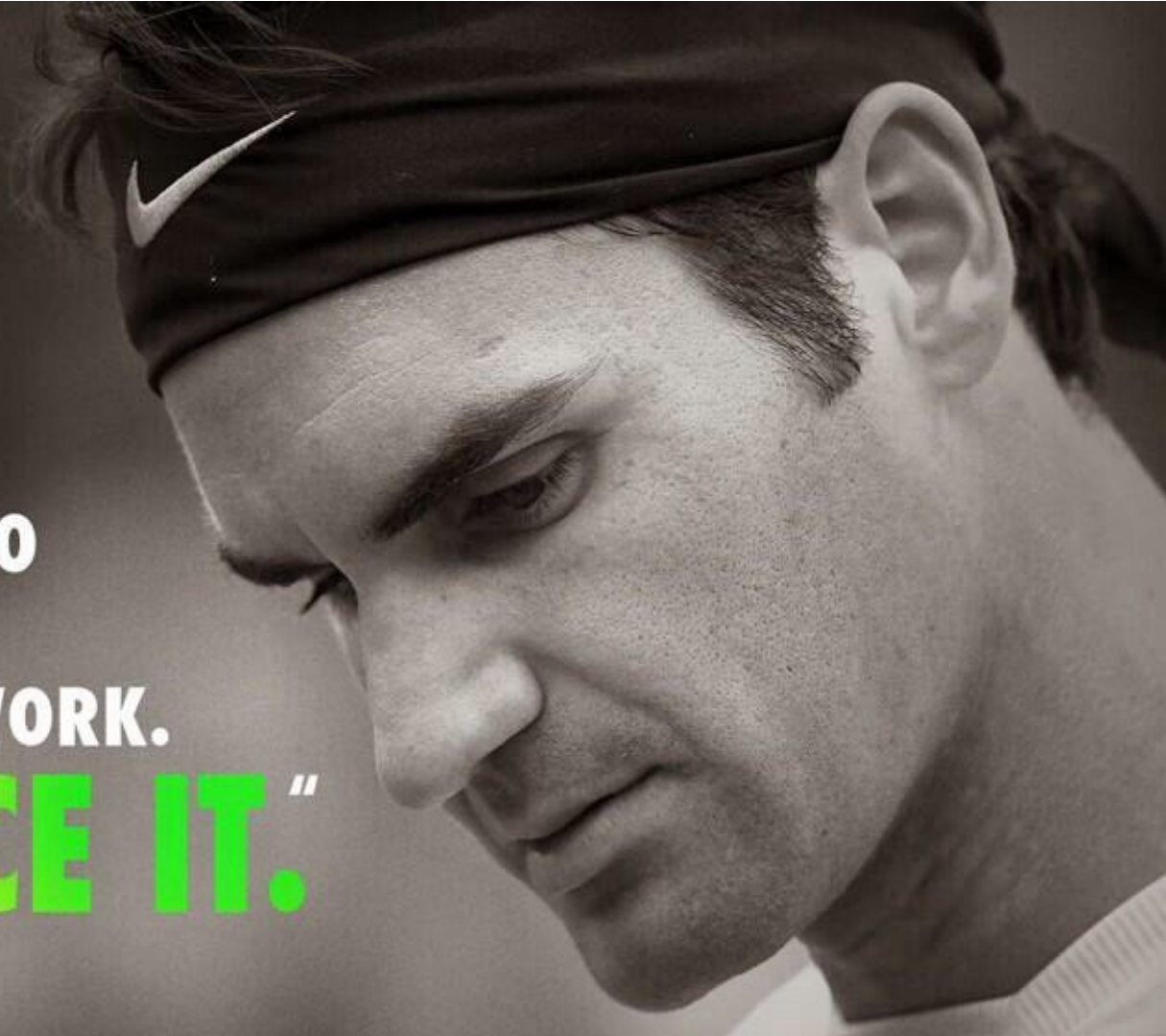
BOTH DS AND OR:

- ARE APPLICATIONS OF MATHS TO IMPROVE DECISION MAKING
- REQUIRE THE SKILL / ART OF MODELLING

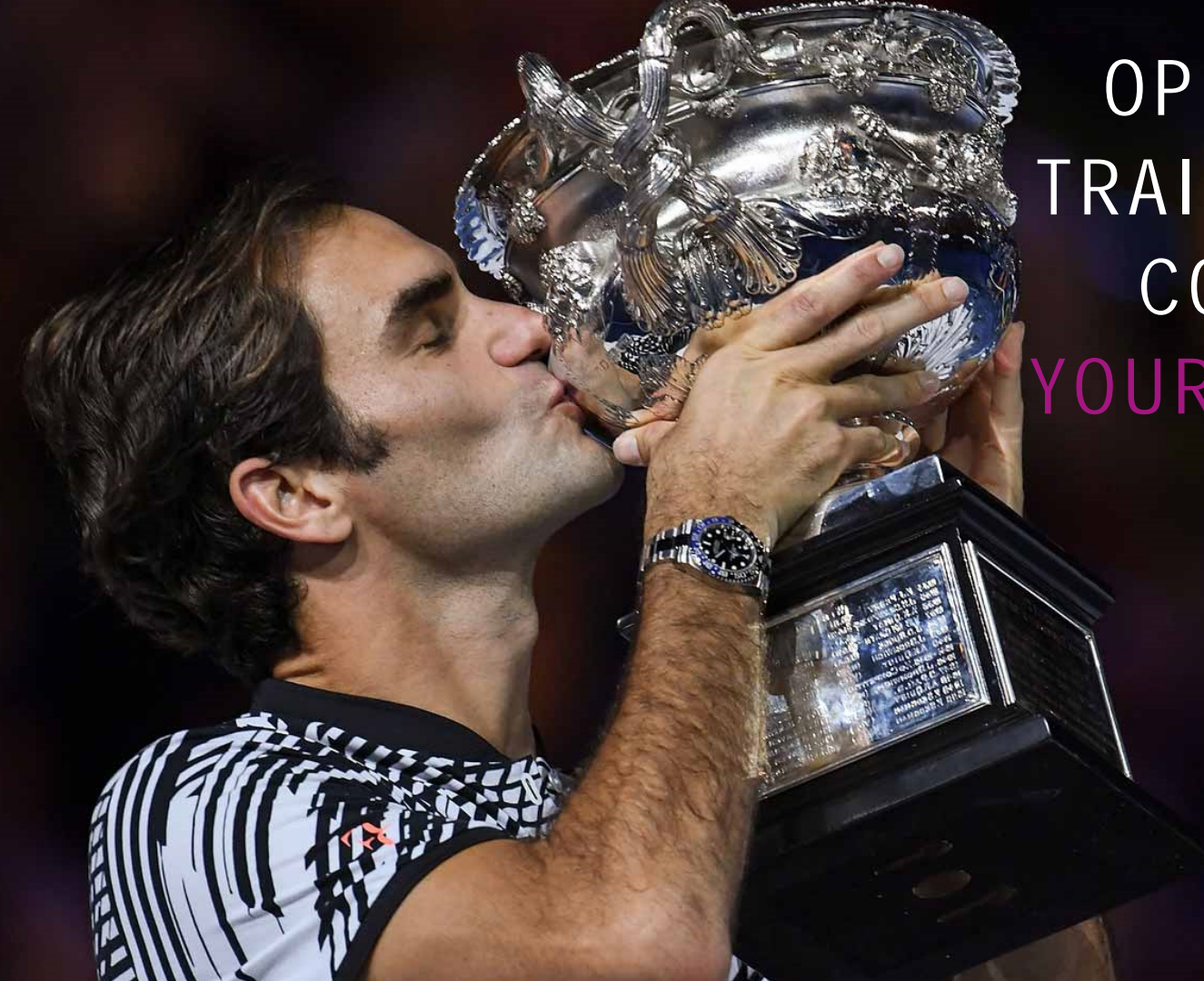
SO...

WITH DATA SCIENCE MORE RELEVANT INPUTS CAN BE CREATED FOR IMPROVED DECISION MAKING WITH OPERATIONS RESEARCH





**"THERE IS NO
WAY AROUND
THE HARD WORK.
EMBRACE IT."**



OPEN UP, ADAPT,
TRAIN, LEARN AND
COMBINE WITH
YOUR STRENGTHS.





TODAY

AT ORTEC WE:

- PREDICT
- RECOMMEND
- RECOGNIZE
- DETECT
- TEACH
- AND OPTIMIZE

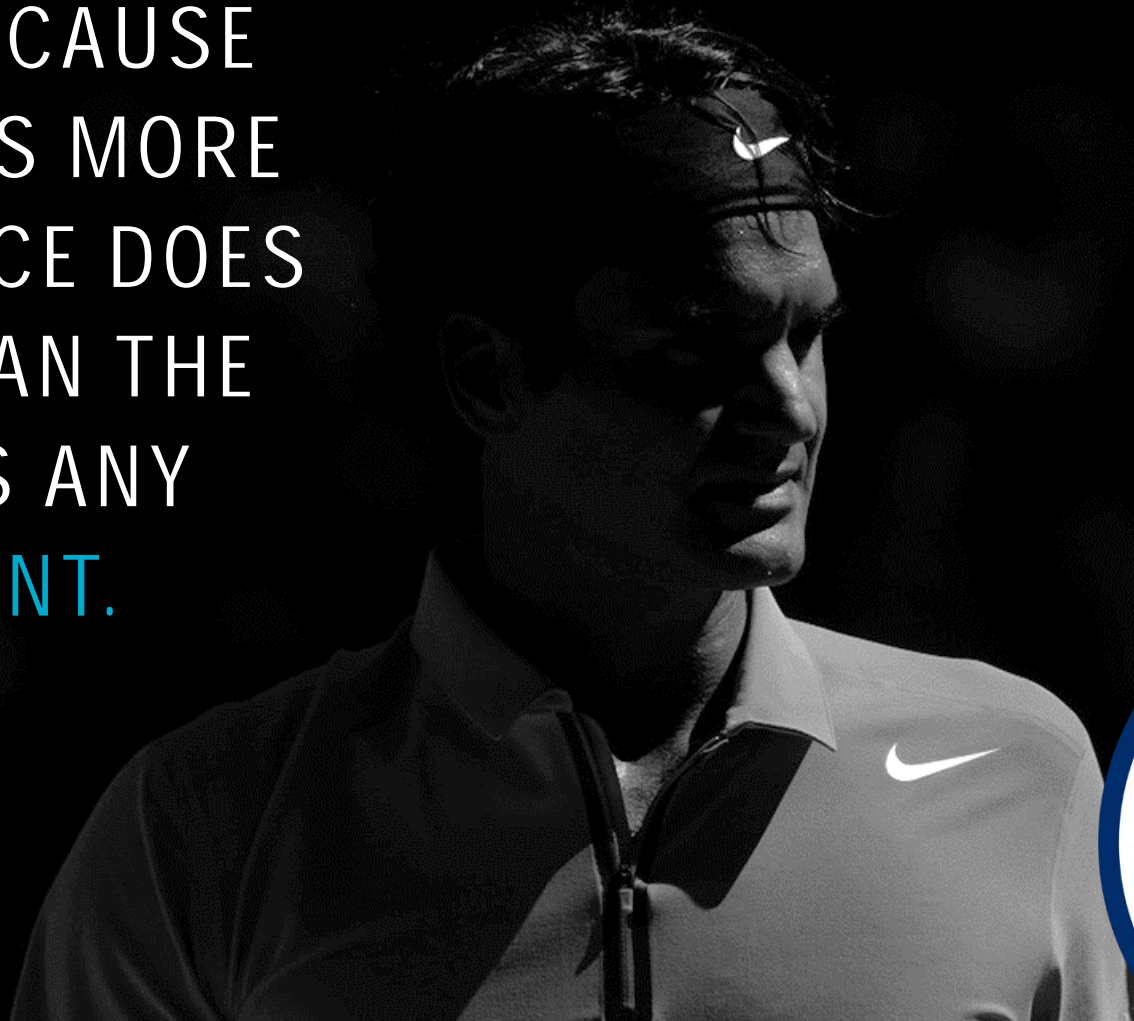
TOMMORROW

OPERATIONS RESEARCH SHOULD:

- BROADEN MATHEMATICAL INTEREST
- PUT BUSINESS ABOVE MATH TRICK
- NOT FORGET TOOLS & TECHNOLOGY
- FOCUS ON MATHEMATICAL MODELLING



JUST BECAUSE
THERE IS MORE
AUDIENCE DOES
NOT MEAN THE
GAME IS ANY
DIFFERENT.



NOW

THE FUTURE OF
OPERATIONS
RESEARCH IS
BRIGHT



Let's optimize your world!

