EFSPI 2023
Role of Statisticians in Strategic Decision Making:
My Experience & Perception

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Scope of the Presentation

- My Career Journey
- Skills Learnt
- My Perception of Strategic Thinking for Statisticians
- Implementing Strategic Thinking: My Experience
- How can Senior Leaders Support & Help Development?



My Career Journey











BSc Biochemistry

2013-2017



2017-2018

Research Assistant

Sep 2018 - Dec 2018

Senior/ Biostatistician

Jan 2019 – Oct 2022

Principal Statistician

Oct 2022 - current













Skills Learnt



R programming

Clinical Trials FDA Medical Device

Bayesian RWE studies SAP Classifier

510k E9 guidelines Simulations

Data analysis

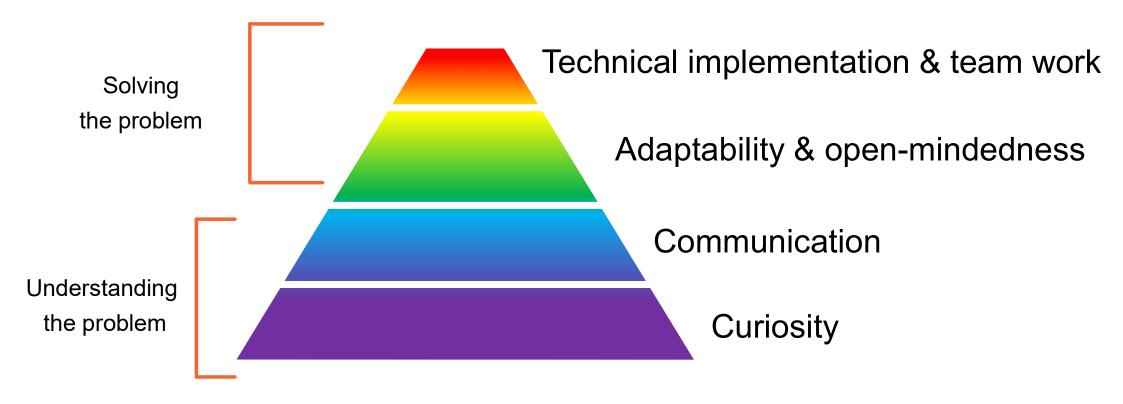
Protocol Sample Size Publications

Modelling Machine learning

Line management



My Perception of Strategic Thinking for Statisticians





Example: Statistical Lead for Regulatory FDA Submissions



Generation of ideas & building understanding



Setting acceptable performance criteria



Active collaboration with stakeholders



Statistical pipeline design + analysis



Automatic summary report

Curiosity & cross-team communication

Adaptability, technical implementation, team work

Challenges & Opportunities:

Messy data | Large summary report creation | Time pressure Managing my Team



How can Senior Leaders Support & Help Development?

- Act as role models and lead by example
- Encourage participation (projects, discussions) and acknowledge contribution
- Create trust & a safe environment for learning (and making mistakes)
- Share personal stories: about challenges, success and failures





I would like to thank **EFSPI 2023** for the opportunity to be part of the event and for such a great learning experience.

I would like to acknowledge and thank all the **senior leaders who helped me grow** through my career: Olivier Collignon, Lea Fortunato, Teri Ashton, Christine Fletcher, Andrea Dennis, Matt Kelly, Rajarshi Banerjee, David Robertson, James Wason, Marta Blangiardo, Monica Pirani and others.

