Round Table Discussion

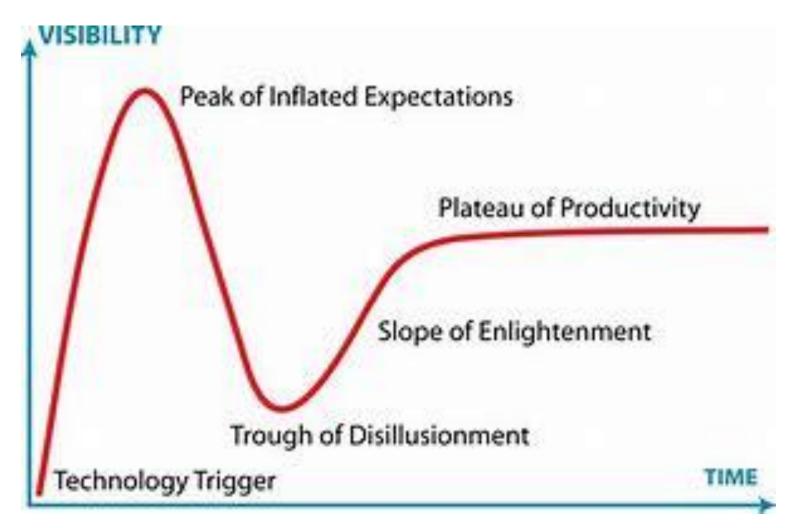
Statistics and Data Science: "The hype is over — when are statisticians needed again?"

EFSPI 10th Statistical Leaders Meeting July 4, 2019

Background

- Data Science has become the term to capture activities/techniques/methods such as Machine Learning, Deep Learning, AI, etc.
- Many of the techniques employed in AI have been there for a long time (>25 years)
- But uptake of AI is seen due to:
 - explosion of data availability in the health sciences recently (wearables, sensors, IoT, omics)
 - entry of Big Tech Companies in Health Ecosystem
- Al is becoming mainstream,
- but has its issues in regulated drug/device area (e.g., reproducibility)
 - SaaD: Software as a Device
- Are (CT) Statisticians part of it?
- Should they?





40 mins. Discussion

Where are we now on the Hype Cycle?

Is this an important topic for yourself and why?

What do we need to do to solve/implement it?

Summary for 5–7 mins. plenary feedback

- Is this an important topic for yourself and why?
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- What do we need to do to solve/implement it?

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