

Using AI to synthesize medical data

SUBTITLE



Problem

- Can you use AI to take multiple medical data inputs that can help a medical officer determine risk assessment or give medical advice.



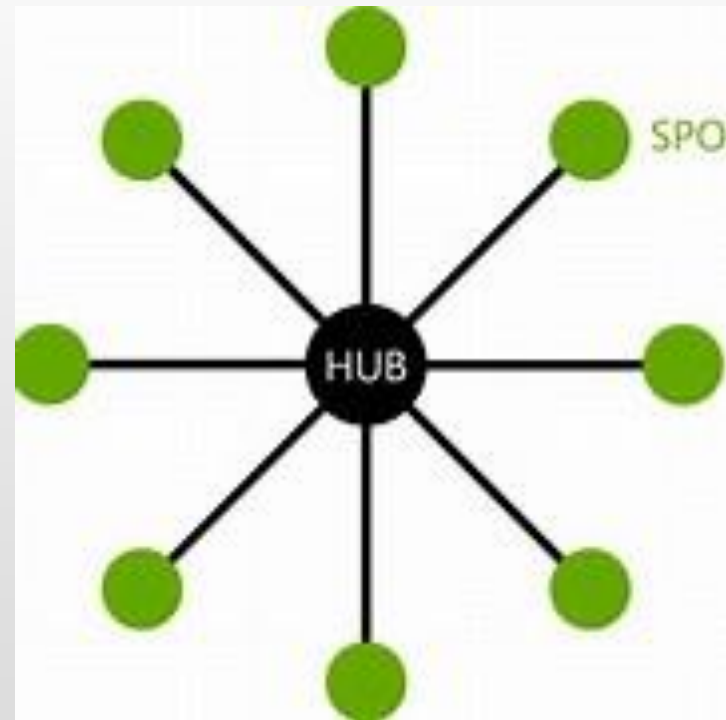
What type of medical data do we want to synthesize?

- Biomonitor
- Nutrition
- Exercise
- Environmental –like PH of water and CO2 in the air
- Crew personal medical record
- Medical database information



What is synthesizing data?

- Integrated Architecture that can help a medical doctor determine potential outcomes for the patient
- In this case a HUB and Spoke model concept where all data flows toward a central point.
- Use triangulation to take data into consideration



What can AI do after the data is synthesized?

1. Can it create training models?

Crew health and wellness for
“dummies”

Training

-Preflight

-In Flight Training

-Just in Time Training

2. Can it give actionable items?

Recommendations for solving
medical issues