

• Human-AI Teaming Personality Test

Are you a “Rosie the Robot” or a “Bosch 800 Series”?

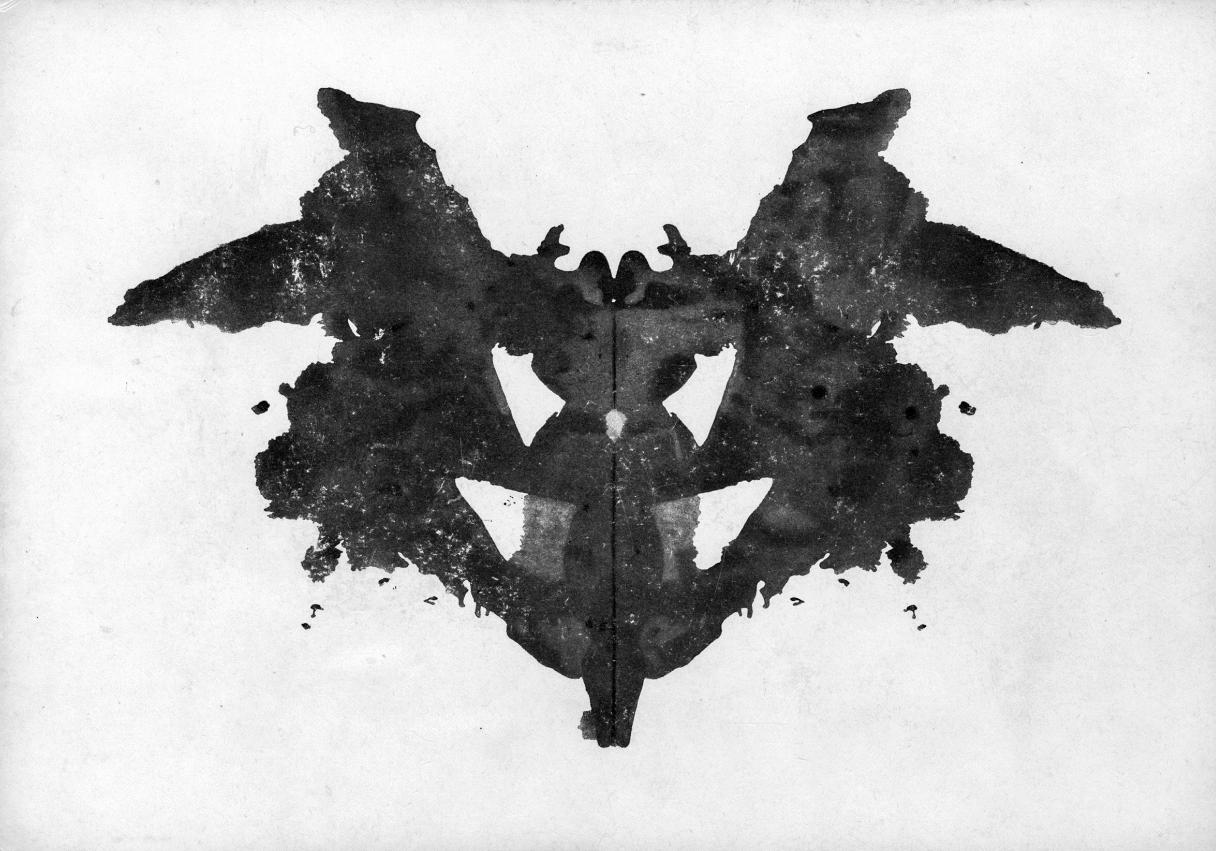
Rosie is:

- Versatile/n
- Can be int
- mistakes(e
- Capable o
- Anthropon



Bosch is:

simple directions



Could any American woman say "Yes" to these questions?



If your answer to these three questions is a crisp, quick "NO" what you need is a General Electric Automatic Dishwasher!

With this wonderful new work-saver you'll be able to lead a more life.

You'll never have to wash another stack of dirty dishes. Save your hands from dishpan-soaking! You'll always have hours of precious extra time on your hands. Extra daytime hours to devote to shopping, calling on friends, or to other daily routine. Extra nighttime hours for amusement and relaxation.

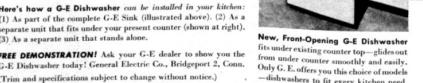
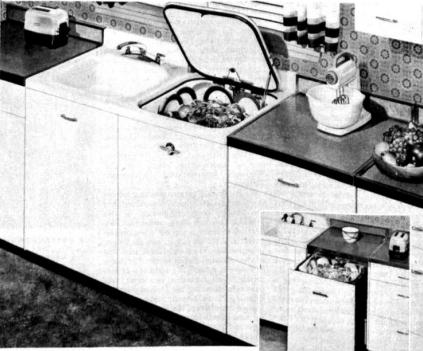
Here's how the G-E Dishwasher goes to work for you!

• All you do is turn one simple control—and your dishes, glasses, pans and silver are washed, rinsed and dried—sparkling clean. Your G-E Dishwasher is completely automatic!

• You're provided with extra heat the instant your dishwasher starts. The Calrod® heating unit sees to that! It keeps water hot during double wash—double rinse. Your dishes are washed to hygienic cleanliness!

• Electrically heated air is circulated up around the racks, doing quickest and best drying job you ever saw! Your dishes...glasses...all come out crystal bright.

• And you get years and years of top-quality performance. General Electric's famed "long-lasting dependability" is built into every G-E Dishwasher!



Here's how a G-E Dishwasher can be installed in your kitchen:
 (1) As part of the complete G-E Sink (illustrated above). (2) As a separate unit in front of your kitchen counter (shown at right).
 (3) As a separate unit that stands alone.

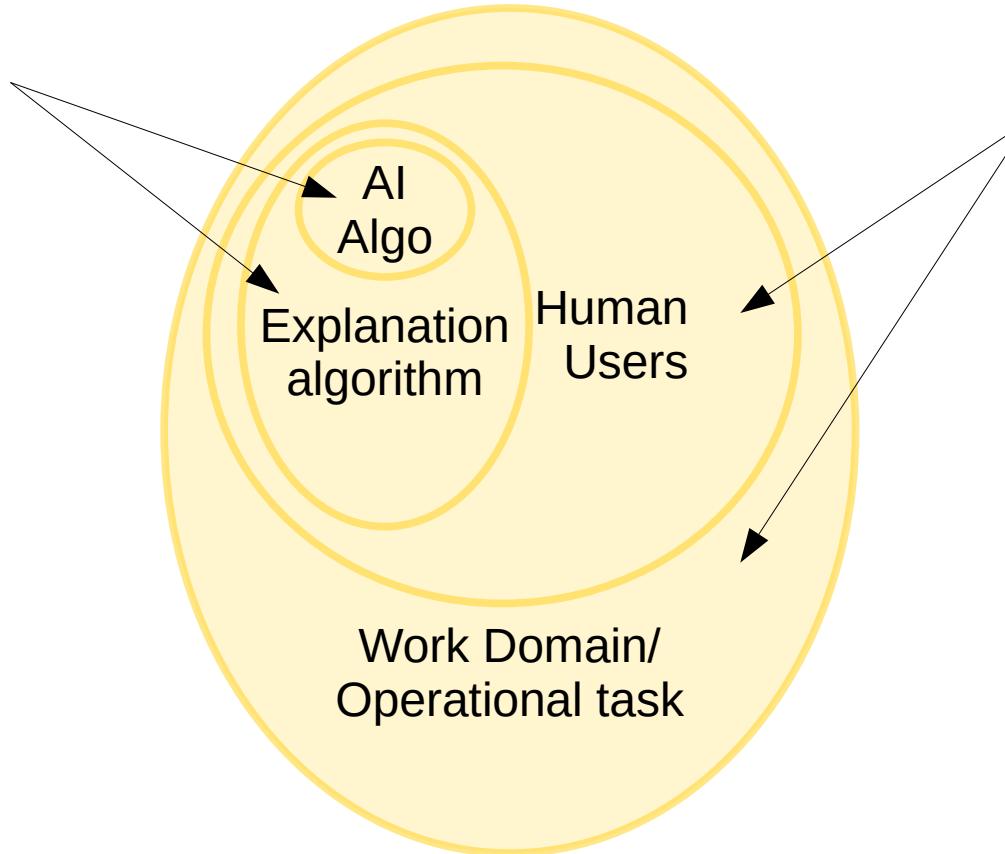
FREE DEMONSTRATION! Ask your G-E dealer to show you the G-E Dishwasher today! General Electric Co., Bridgeport 2, Conn. (Trim and specifications subject to change without notice.)

You can put your confidence in—

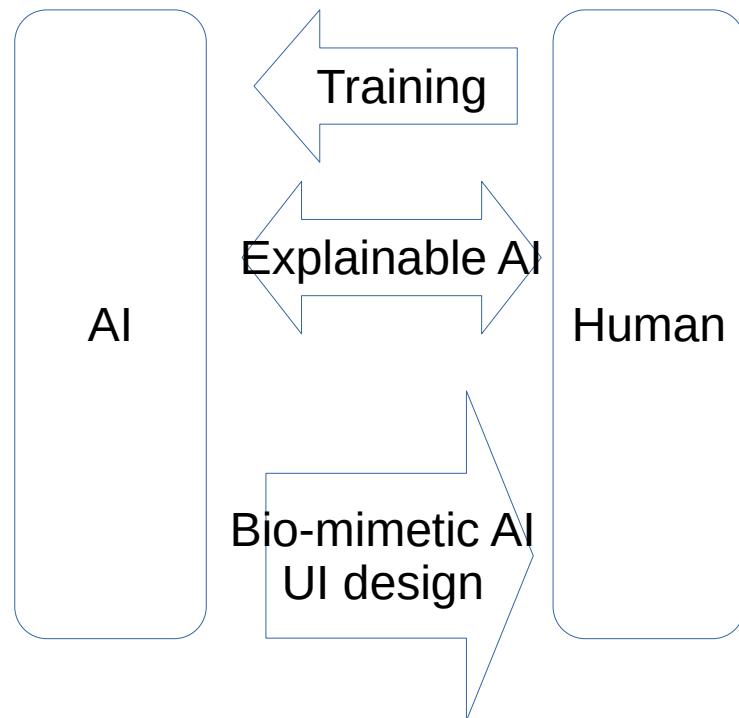
GENERAL  ELECTRIC

The XAI onion

Where the
research is



Where the
solutions are



- Show new mushroom classifier.
- What is ‘explainability’ is exactly what many people really want (who have a stake)



- **Goal 1: Identify key human-systems integration design considerations, methods, approaches, and associated research aimed at warfighter systems that incorporate human-AI teaming**

- **Goal 2: Identify gaps in knowledge on effective human-machine teaming necessary to achieve future Air Force mission capability**

Implication for XAI

- Fast-XAI
- Justification vs. understanding
- Local vs global understanding

- Explainability is not transparency
- Transparency is not understanding
- persuasion/justification is not understanding
- Fast XAI
- Building into AI the information needed to do the work.

All explanation is self-explanation

Explanations for understanding vs persuasion

Cognitive anthropomorphism

AIQ

Non-algorithms

Prospects for explainability algorithms and explainable algorithms

- Nothing is naturally explainable
- Cognitive anthroporphism (if you are lucky)
- Fast Explainability