

PARTNERS IN SOLUTIONS

DISCLAIMER: EMPLOYEE OF RAYSEARCH ALL TECHNOLOGIES PRESENTED ARE IN RAYSTATION & RAYCARE

RaySearch

WHAT IS SCRIPTING?

- A Written Program
- Automates Tasks
- Usually Interpreted



WHAT ARE SOME E		
	 Python 	
ΡV	 JavaScript 	
	• Ruby	
	• Perl	
	• SQL	
		RaySearch Laboratories





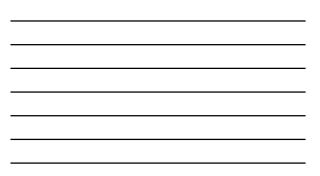
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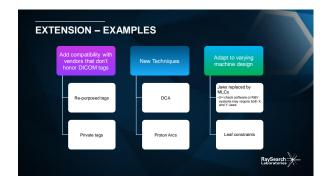


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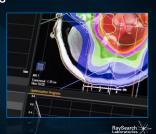




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RESEARCH – EXAMPLES

- Custom/user defined optimization algorithms
- LET optimization
- Creation of new deformed or synthetic CTs



MACHINE LEARNING





Has the potential to create better plans than the baseline plans Can be pushed to be more aggressive or more conservative than baseline plans

- TensorFlow chosen by RaySearch Google Al
- Open-Source
- Large adoption over 1500 GitHub repositories reference TensorFlow

Diagnosis Treatment Course Target Delineation

 Organ Segmentation Treatment Planning Plan Evaluation Delivery Evaluation

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