



Video and Image Processing

## LATERAL THINKING



**Task:**  
Telemedicine  
solutions for  
prioritising X-Rays  
to be processed by  
Radiologists



- Client requested an X-Ray detection system to replace Radiologists
- Cost of such system was prohibitive and accuracy was a concern due to non-availability of training data
- Analysing the socio-economic and environmental factors, an X-Ray prioritisation system was recommended in place of a complete replacement of Radiologists
- Architected a pipeline for a learning system that could classify and prioritise X-Ray

### Discovery:

Complete replacement of Radiologists not feasible or viable. Human intervention is critical in detecting anomalies

### Solution:

An innovative prioritisation approach to enhance productivity