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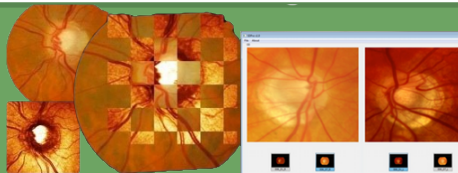UWE Bristol | University of the West of England

Data Visualization and Visual Analytics

- *How can visual analytics better support human decision making in complex analytical tasks involving big data?*

- *How to ensure that the interface can support timely discovery of important information?*

- *How to ensure that the visualization is accurately perceived by the human?*

Machine Learning (Interactive AI)

- *How can humans understand ML reasoning using visualization, and interactive visual analytics?*

- *How can we best support ML, and human reasoning / 'intuition', in conjunction?*

- *Active, (and Pro-Active) Learning to incorporate human, without burden, and without assumption of 'oracle'.*

PhD (Cardiff 2006-2010)   PDRA (Swansea 2010-2013)   PDRA (Oxford 2013-2015)