Visualizing Youth Engagement.

A visualisation framework proposal by team KCL_Koders_

Background by Open Evenings

Childhood can be rife with obstacles.

One of the Prince's Trust's objectives is to identify inequality and empower young people to transform their lives.

ONS

6,685

Students dropped out of state funded schools in 2015/16

Trust for London

9.4%

of 16-24 year olds were unemployed in 2016 compared to 3.6% of 25-64 year olds.

National Union of Teachers

4.1 m

children living in poverty in the UK in 2016-17, an increase of 100,000 on the previous year.

Problems to Solve

1 **Empowering** decision makers to make correct and informed decisions, based on data.

2 **DIstinguishing** key factors that might impact a child in their development.

3 **Enabling** stakeholders to have a holistic perspective on the issues at hand.

4 **Modelling** the relationship between risk factors and attainment.

We need to investigate the causality between educational risk factors and engagement of the child post-education.

Challenge 2: Education and Employment

Group A: Challenges for 11-16 year olds not predicted 5 GCSEs, A* - C.
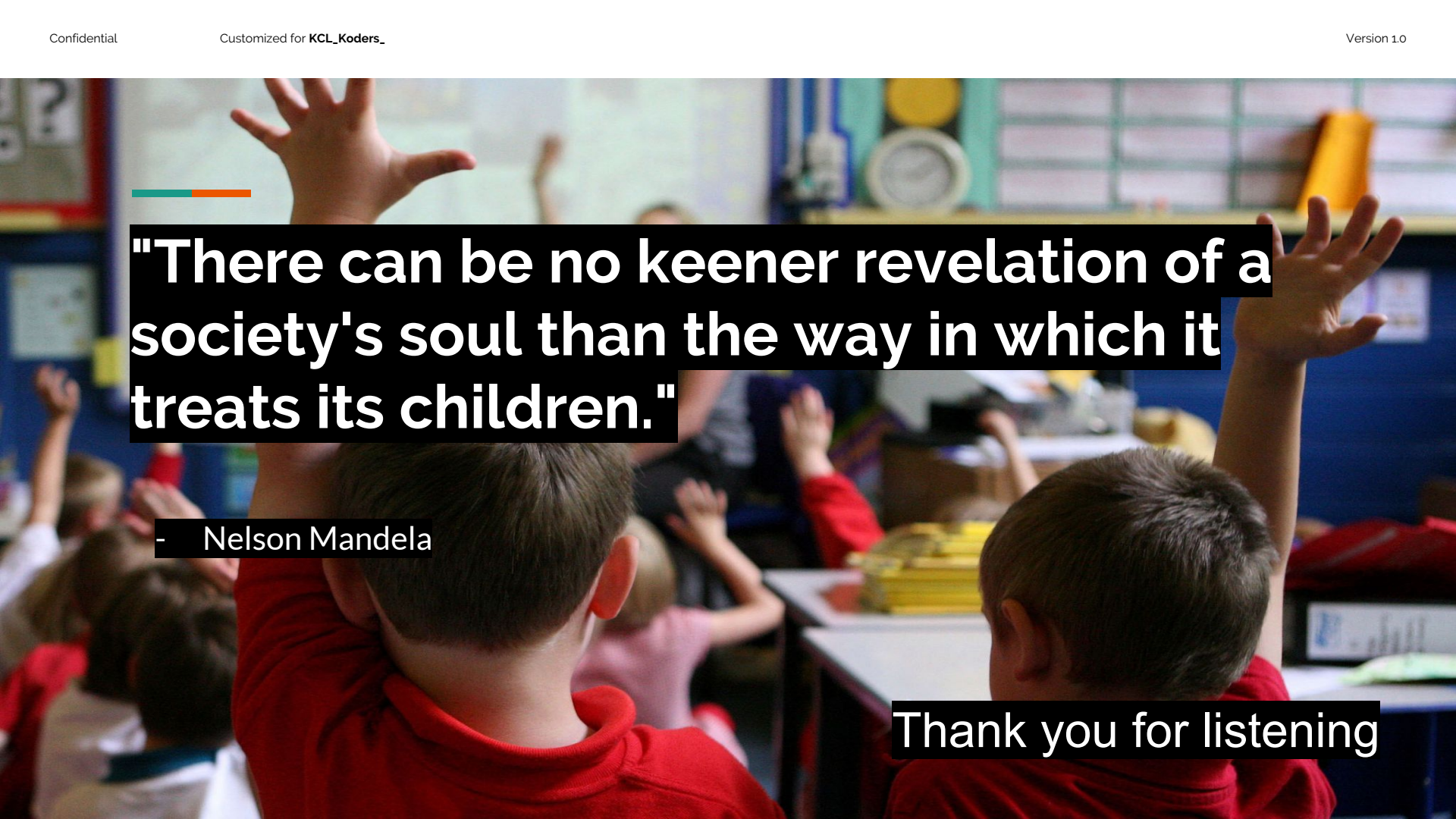
Objective and Proposal

We propose a visualization framework that will aid educators and decision makers to intuitively and rapidly identify risk factors and potential for improvement.

Framework Demo

"There can be no keener revelation of a society's soul than the way in which it treats its children."

\-   Nelson Mandela

Thank you for listening