

# An Evaluation of Surrey Heartlands Hackathon Project

## Aims.....

 Develop the analytic workforce across partners within Surrey Heartlands ICS

 Encourage collaboration across organisational boundaries

 Data visualisations designed with decision-makers and used for decision making

Develop a community of practice

## Method.....



9 new Tableau licences purchased



15 analysts trained



1 online collaboration platform



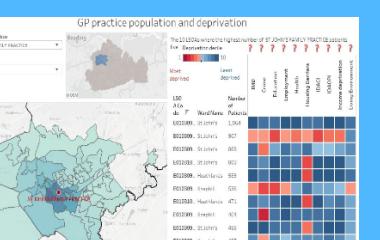
3 Hackathons: CVD prevention, Primary Care Networks, Children's Health & Wellbeing



50+ decision makers involved



20+ dashboards



1 website to publish



## Evaluation tools.....



Repeated surveys of participating analysts to track self-reported data visualisation skills and confidence in working with colleagues from outside their organisation



Feedback surveys of decision makers on the usefulness of the events in improving the quality of the data products for service improvement



Telephone interviews with a sample of the decision-makers and stakeholders involved in the project



Focus groups with a sample of the analysts involved in the project



Analysis of usage of data visualisations published on the internet

## Results.....



100% of the analysts and decision-makers agreed that events like the hackathons facilitate working with partners from outside their own organisations.



Increased proportion of analysts felt well connected to analysts from outside their own organisation.

95% of the decision makers agreed the data visualisations produced during the hackathons can be used to aid decision making in the future.



Decision-makers agreed that the hackathon format should be used in the future.

Communication of the outcome of the hackathons needs to be strengthened through better promotion and wider dissemination.

All groups, including stakeholders, said that a main benefit was teams working together that would not ordinarily work with each other.



The Tableau training that preceded the hackathons was invaluable

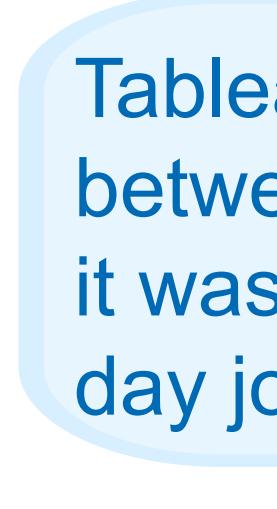
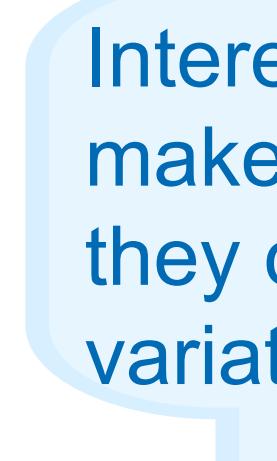


Tableau skills became 'rusty' between each hackathon if it was not used in the analysts' day jobs



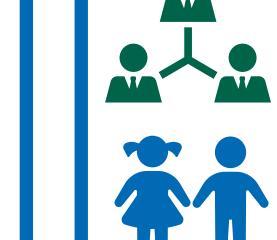
Interesting to have decision-maker insights on the day as they offered reasons for data variations



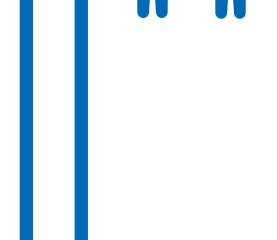
Number of dashboard views per theme



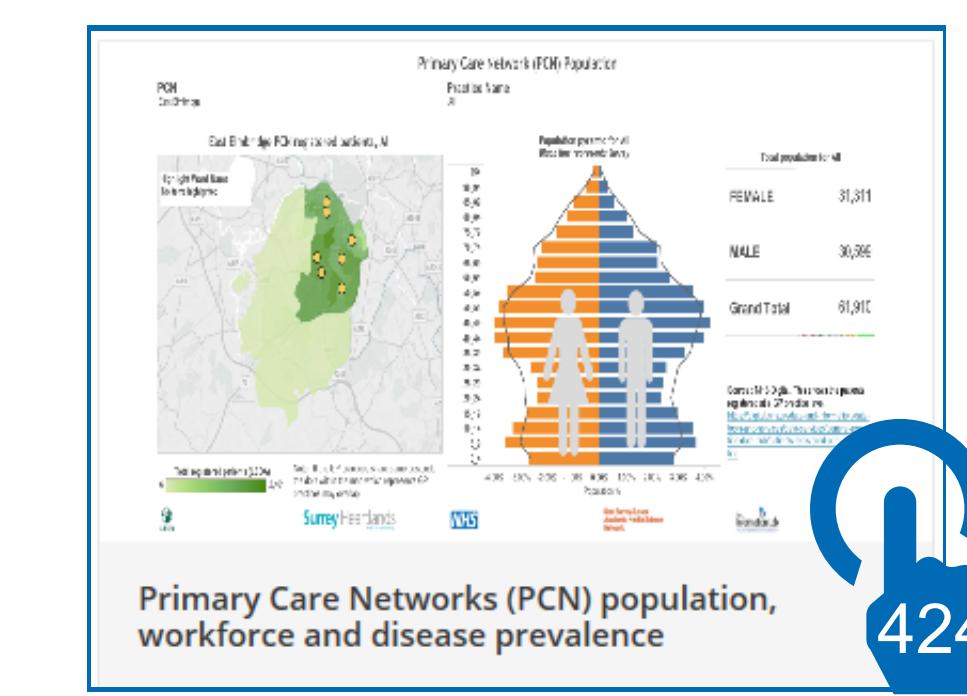
CVD prevention 548



Primary Care Networks 721



Children's Health & Wellbeing 468



## Conclusions.....

The evaluation determined that the project met our aims of developing a community of practice. We developed analyst skills, though found that these need to be deployed quickly and regularly to maintain confidence. Analysts showed much greater confidence in contacting each other to collaborate. Decision-makers used the visualisations to support prioritising actions. Surrey Heartlands ICS partners are continuing to use the learning and this approach from the project in our developing Surrey Office of Data Analytics, which will be the vehicle to deliver shared analytic projects in future.

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