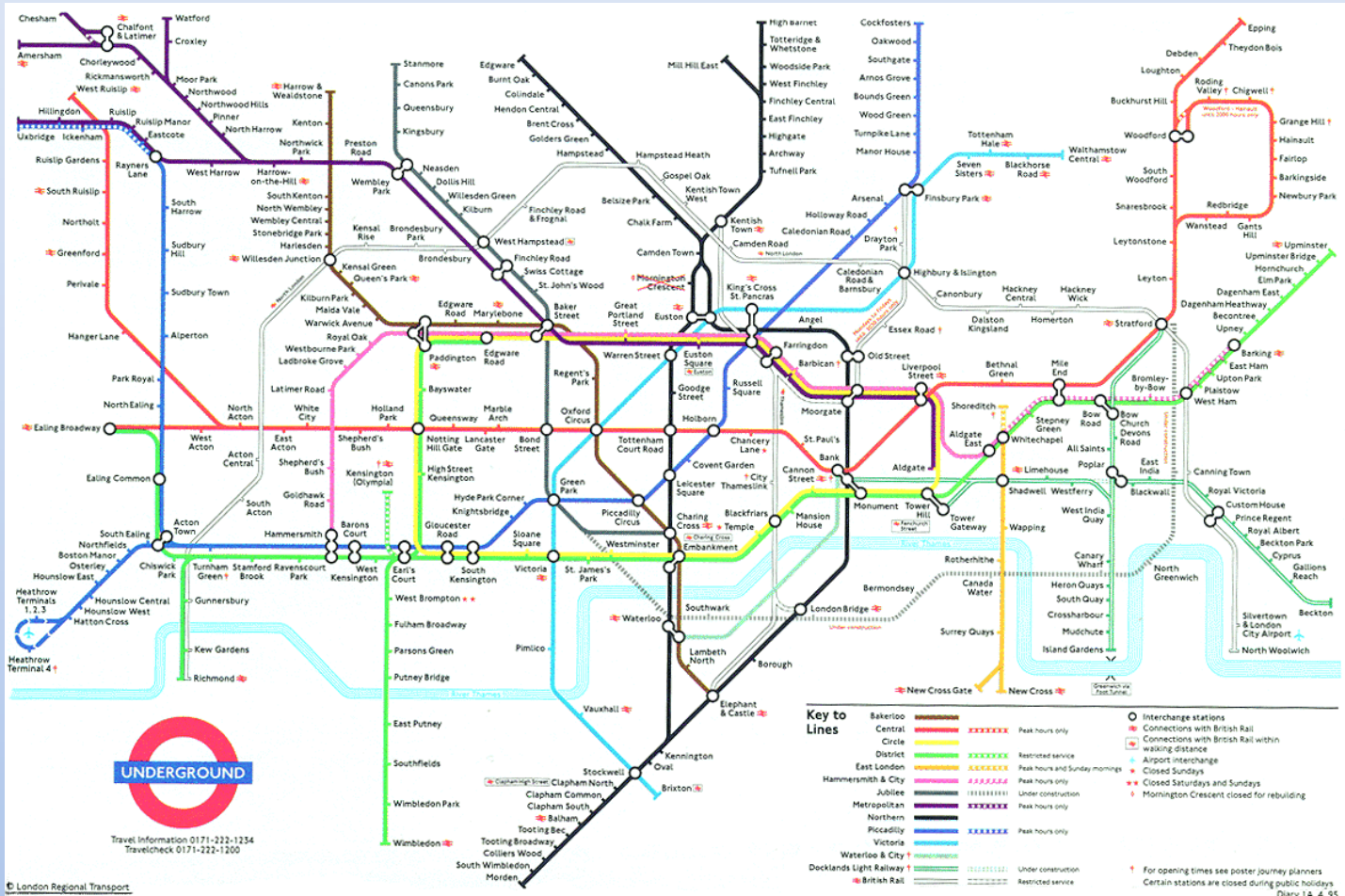


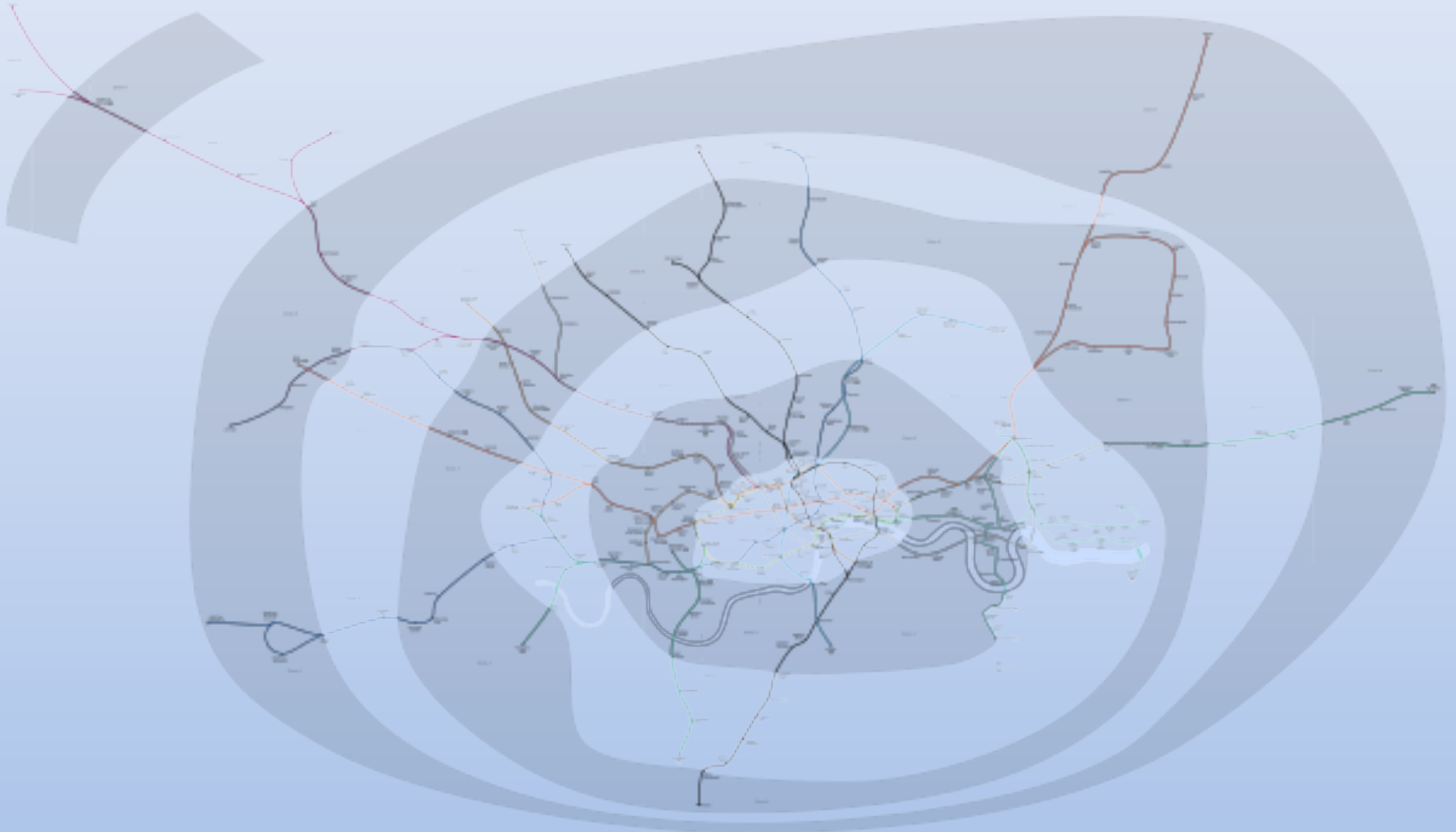
Maths and the London Underground

Yuen Ng

My favourite map...



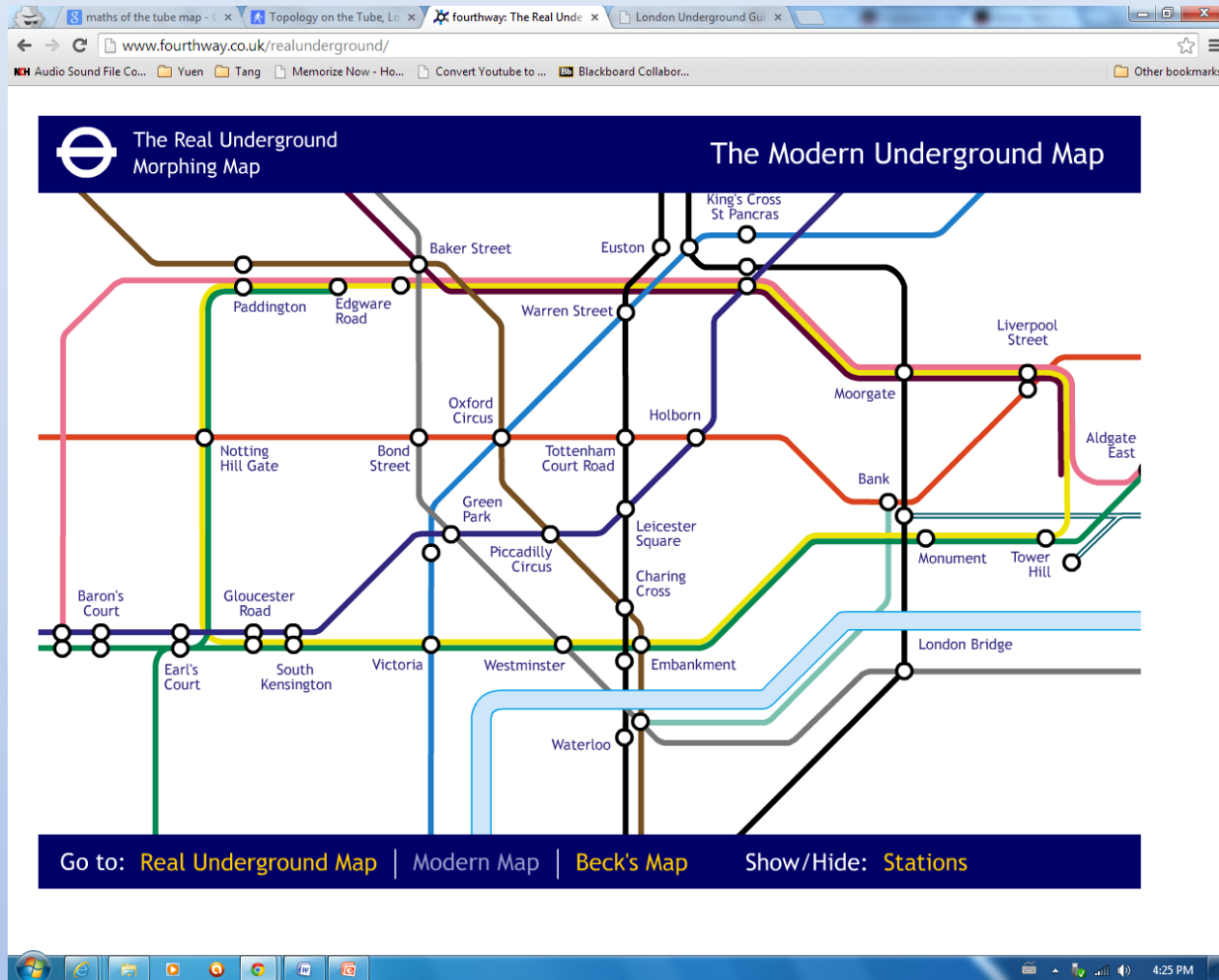
The reality



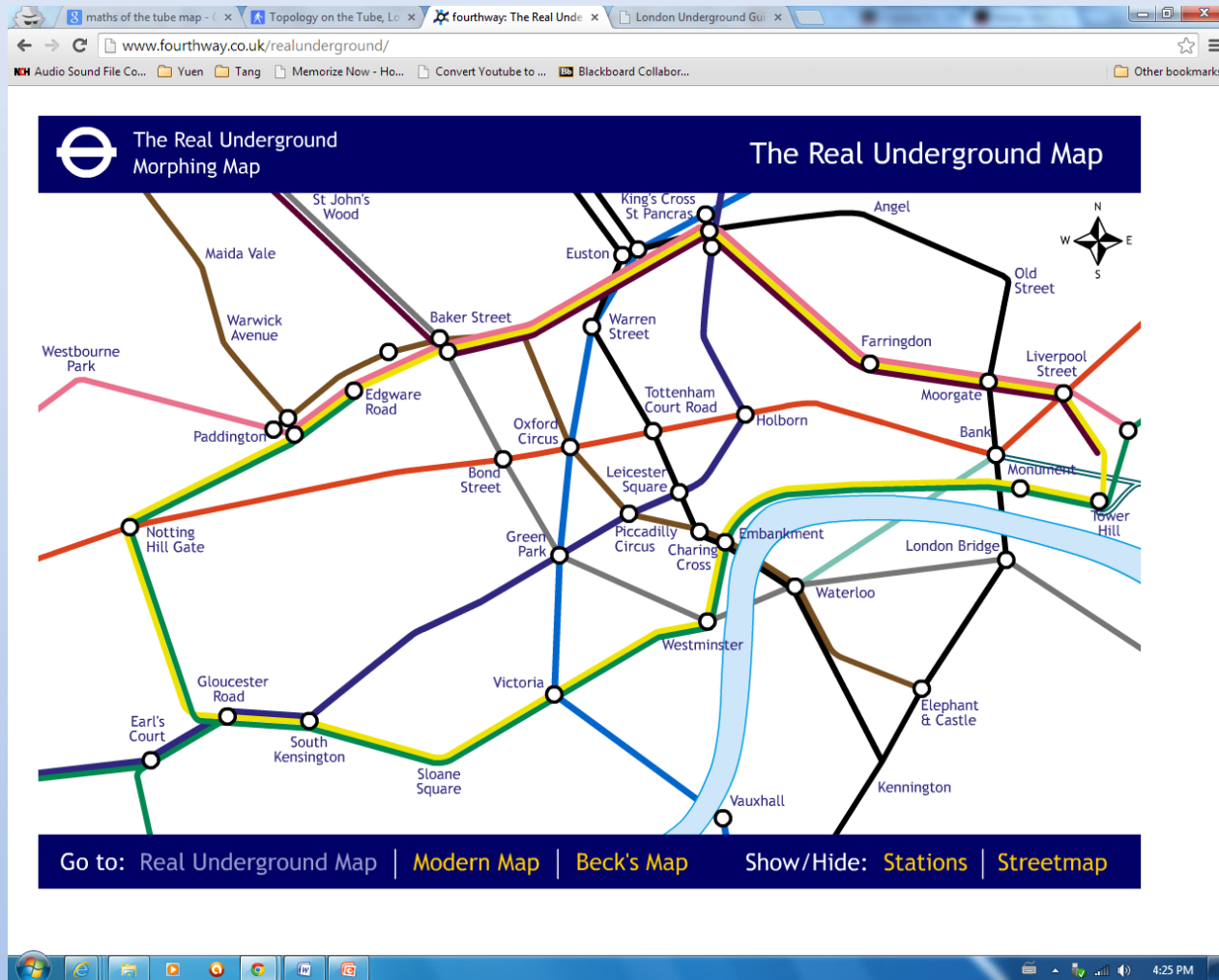
Henry Beck's solution



Fourthway's Morph of the Tube



Fourthway's Morph of the Tube




Fourthway's Morph of the Tube


maths of the tube map - x Topology on the Tube, Lo x fourthway: The Real Unde x London Underground Gui x

www.fourthway.co.uk/realunderground/

Audio Sound File Co... Yuen Tang Memorize Now - Ho... Convert Youtube to ... Blackboard Collabor... Other bookmarks

 The Real Underground
Morphing Map

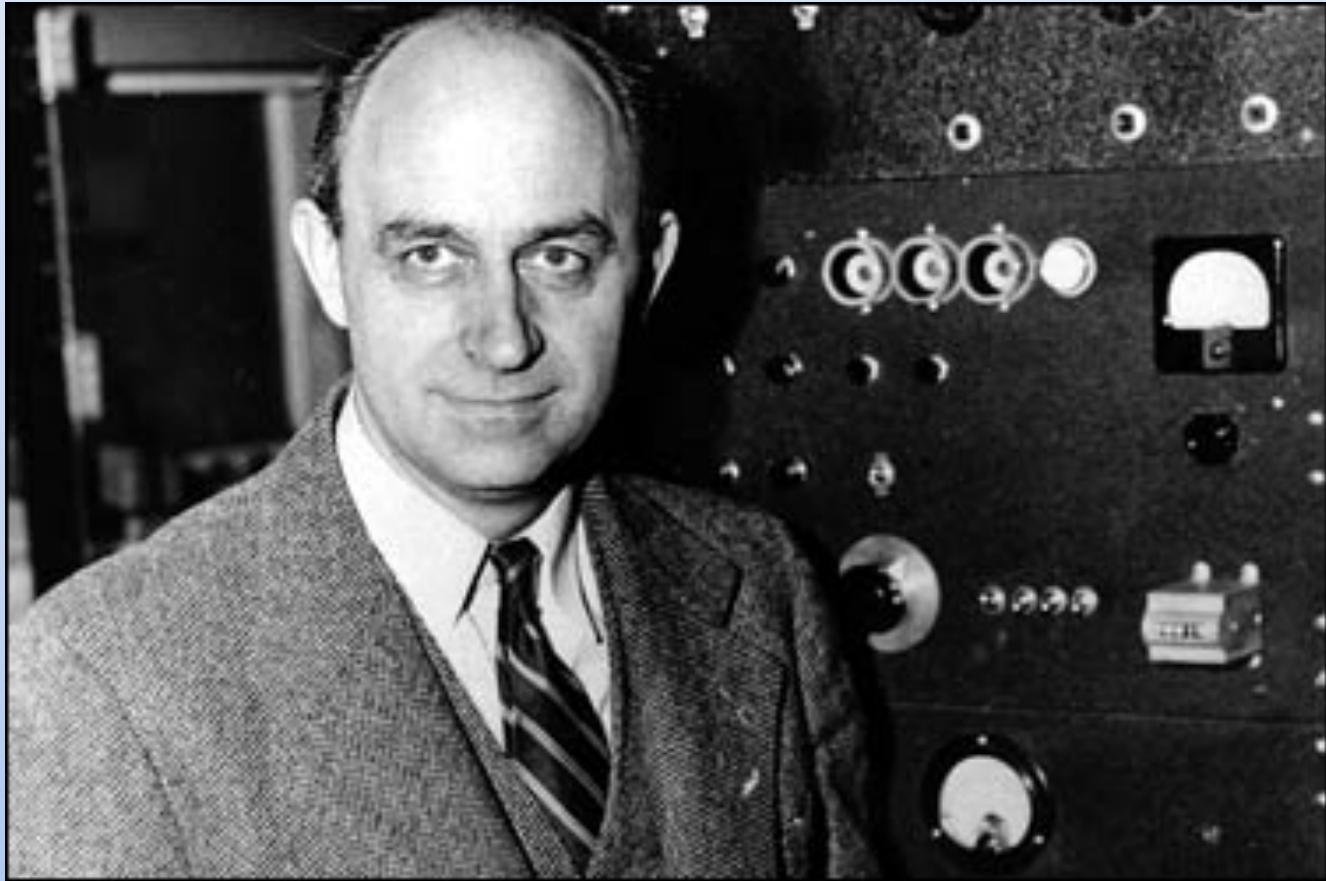
The Real Underground Map



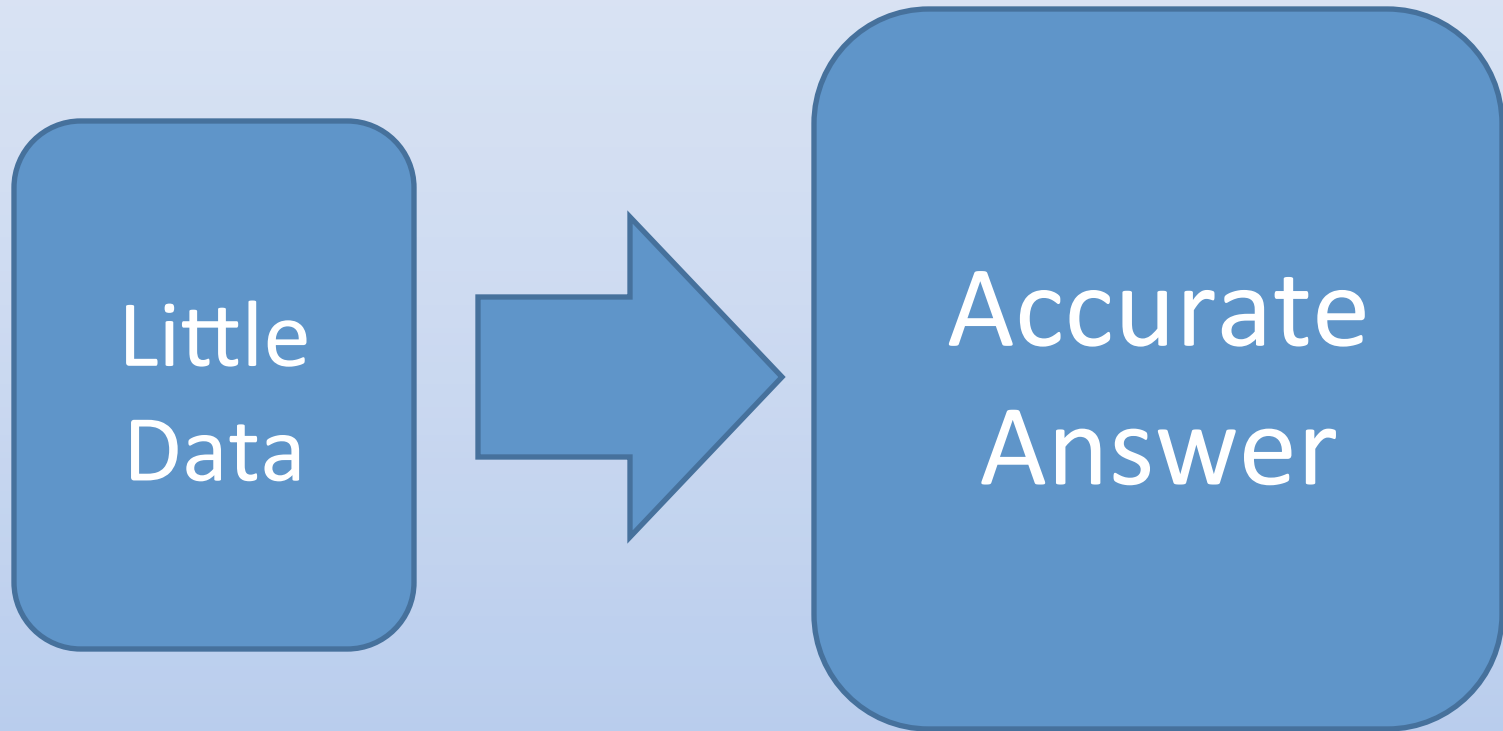
Go to: [Real Underground Map](#) | [Modern Map](#) | [Beck's Map](#) Show/Hide: [Stations](#) | [Streetmap](#)

Windows taskbar: 4:25 PM

Enrico Fermi, 1901-1954



Good estimation



How many passengers used the Tube
in the year 2013?

How many passengers used the Tube in the year 2013?

London:
population 8.3
million

17 million visitors to
London last year



How many passengers used the Tube in the year 2013?

- Someone using the Underground is a passenger for each journey they make
- Workers living in and out of London using the Tube for their commute
- Londoners travelling around London

Thank you for listening!

(And one more thing...)