

Intelligence Tool Lab

How can we create an intelligence tool that uses different sources of data to answer policy related questions in three ways - trends, snapshot and forecast. How can this system use private and open data sources to create common intelligence resources for LCC staff members in different directorates?

In the group we discussed the data sources available and what was possible with them. We settled on, rather than trying to create an all-singing all-dancing solution, picking up the simple solutions to engage users with the data and lower the barriers to entry for users and publishers.

To that end, we would like to propose a tool to sit on-top of the data mill to provide users with an easy way to combine, explore data and annotate the data, allowing contextual knowledge to be shared between reports and easily accessible to users.

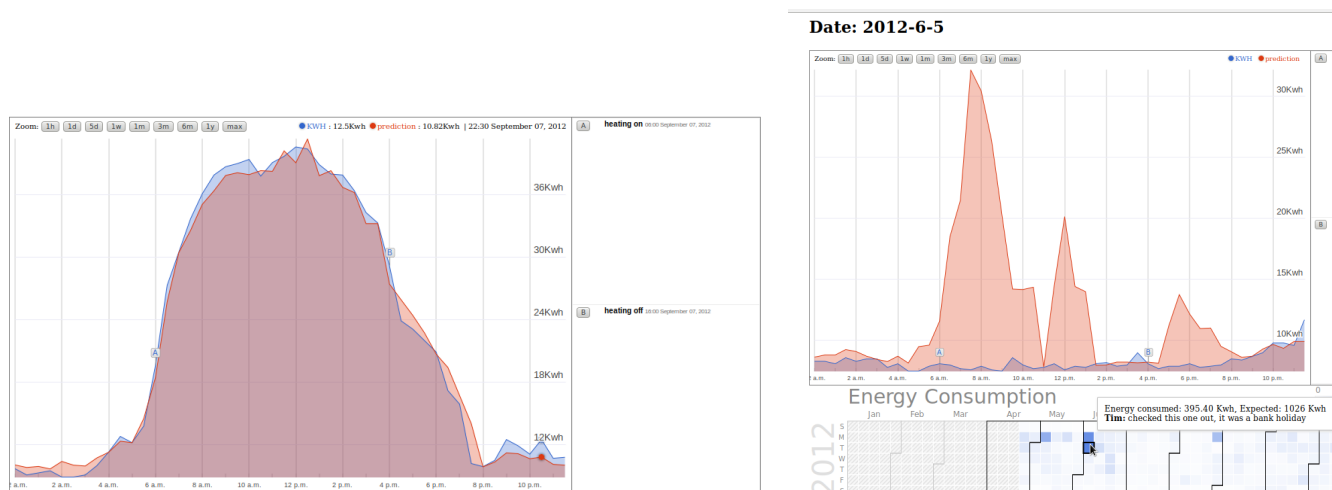
The tool consists of 2 parts,

1) Module to enable users to add annotations to datapoints. This could be locked down to dataexperts/ owners, or opened up to users.

2) Module allowing joining of multiple datasets (eg gambling licences & multiple deprivation indicators) into a graphical display, allowing 3 outputs, geographical map, annotated xy graph, bar chart depending on the data selected. Along with the annotations from module 1.

I expect that this would enable users to annotate datasets, commenting on trends, anomalies and points of interest, that otherwise would not be accessible or considered too much of a barrier halting the creation of reporting in the first place.

Below you can see how annotations can give context to data, and describe anomalies.



Below shows potential of mixing datasets and allowing users to comment (with a warning around contentious datasets).

Is there any correlation between the locations of gambling establishments and areas of deprivation?

