

New ways of working

Nesta P&R Away Day 28 April 2016

Introduction

We analyse and support innovation

But how can we innovate in our own
work?

Today we want to explore ways of
doing this

How?

- Present some methods and tools we can use / have started using
- Go beyond the jargon to talk about applications
- Do a **fun** exercise
- Discuss next steps: how to get started

Context: Digitisation

- More opportunities to measure
- More opportunities to analyse
- More opportunities to communicate
- More opportunities to promote
- Also, different ways of working

- More opportunities to measure
 - More opportunities to analyse
 - More opportunities to communicate
 - More opportunities to promote
 - Also, different ways of working

Collecting and analysing data

There are many new data sources,
methods and tools we can use to study
innovation

Working with web data

```
<!DOCTYPE html>
<!--[if IEmobile 7]><html class="iem7" lang="en" dir="ltr"><![endif]-->
<!--[if lte IE 6]><html class="lt-ie9 lt-ie8 lt-ie7" lang="en" dir="ltr"><![endif]-->
<!--[if (IE 7)&(!IEmobile)]><html class="lt-ie9 lt-ie8" lang="en" dir="ltr"><![endif]-->
<!--[if IE 8]><html class="lt-ie9" lang="en" dir="ltr"><![endif]-->

<!--[if IE 9]><html class="lt-ie10" lang="en" dir="ltr"><![endif]-->
<!--[if (gte IE 9)|(gt IEMobile 7)]><!--

<html lang="en" dir="ltr" prefix="content: http://purl.org/rss/1.0/modules/content/ dc: http://purl.org/dc/terms/ foaf: http://xmlns.com/foaf/0.1/ og: http://ogp.me/ns# rdfs: http://www.w3.org/2000/01/rdf-schema# sioc: http://rdfs.org/sioc/ns# sioc: http://rdfs.org/sioc/types# skos: http://www.w3.org/2004/02/skos/core# xsd: http://www.w3.org/2001/XMLSchema#"><!--<![endif]-->

<head>
  <meta http-equiv="X-UA-Compatible" content="IE=9, edge">
  <!--[if IE]><![endif]-->
  <!--[if IE]><meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />
  <![endif]--><meta charset="utf-8" />
  <meta about="/areas-work/opportunities-young-people" typeof="skos:Concept" property="rdfs:label skos:prefLabel" content="Opportunities for young people" />
  <meta about="/users/tom-symons#me" typeof="foaf:Person" rel="foaf:account" resource="/users/tom-symons" />
  <meta about="/users/tom-symons" property="foaf:name" content="Tom Symons" />
  <link rel="shortcut icon" href="http://www.nesta.org.uk/sites/all/themes/nesta_responsive/favicon.ico" type="image/vnd.microsoft.icon" />
  <meta name="description" content="Nesta is an innovation charity that helps people and organisations bring great ideas to life. See what we're funding and find tips to help you innovate." />
  <meta name="abstract" content="Nesta is an innovation charity that helps people and organisations bring great ideas to life. See what we're funding and find tips to help you innovate." />
  <meta name="generator" content="Drupal 7 (http://drupal.org)" />
  <link rel="canonical" href="http://www.nesta.org.uk/" />
  <link rel="shortlink" href="http://www.nesta.org.uk/" />
  <title>Nesta - the innovation foundation</title>

  <meta name="MobileOptimized" content="width">
  <meta name="Handheldfriendly" content="true">
  <meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, minimum-scale=1.0">
  <meta http-equiv="cleartype" content="on">

  <link type="text/css" rel="stylesheet" href="http://www.nesta.org.uk/sites/default/files/advagg_css/css_F2NUYyz_Nkaxcua2zioB9hdN7h5S73C3AF6hTmtkLiE_90C2YnAs8jOTuGMF_StFPhkdyjZNMXCj7O7XvvXbo_I_defRywpUvgtiJErAia2gf4t3pjG6ghf2W15T176leqJQ.css" media="all" />
  <style>#backtotop{background:#009fee;}</style>
  <style>#backtotop:hover{background:#40c0ff; border-color:#40c0ff;}</style>
  <style>#backtotop{color:#FFFFFF;}</style>
</link type="text/css" rel="stylesheet" href="http://www.nesta.org.uk/sites/default/files/advagg_css/css_1JzrRWic0buzzQX096e6RGhPyToN5a5Iz9qqtALghuc_tPPlldVyo-XxBotuTS189EhIJ-
```

Examples

- Political Futures Tracker
- Video games mapping project
- Another example?

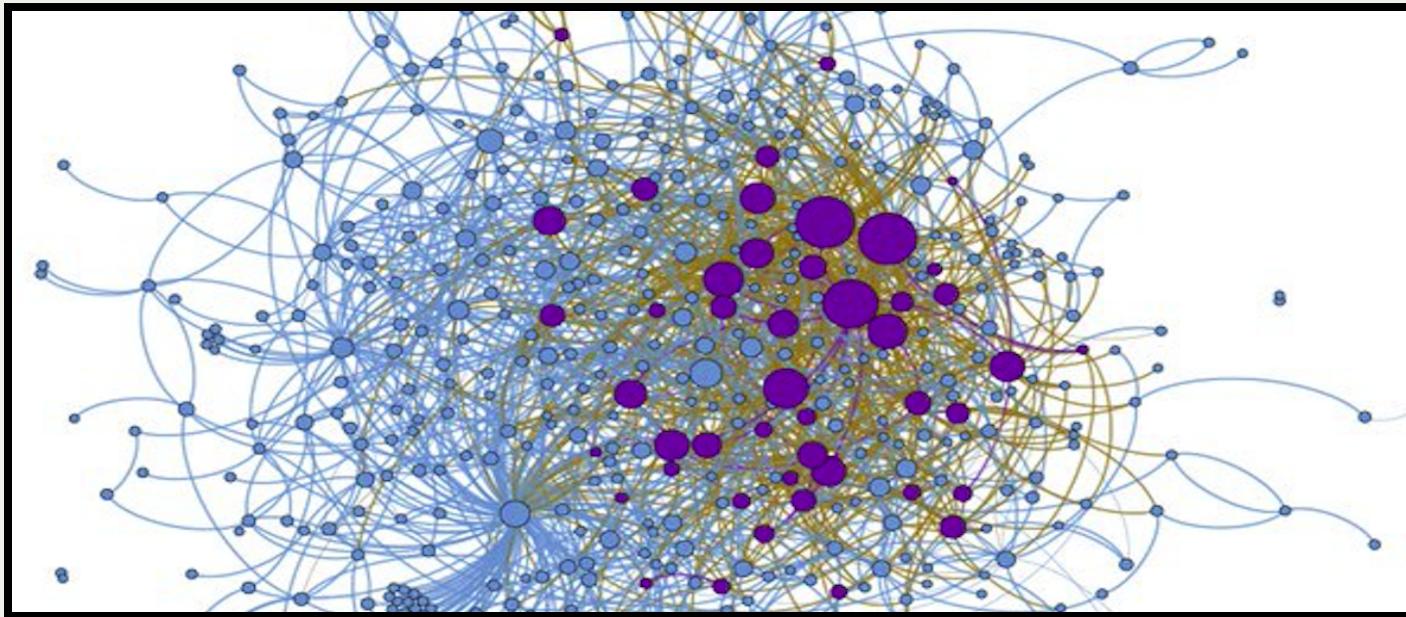
Machine learning and text mining



Examples

- Measuring the digital economy
- Predicting what jobs are at risk of automation
- Another example?

Social network analysis



Examples

- Measuring the impact of events on connectivity
- Mapping entrepreneurial networks
- Another example?

Ethnographic methods



Examples

- Example?
- Example?
- example?

Communicating

We can use new tools and formats to communicate with our audiences

Data visualisation

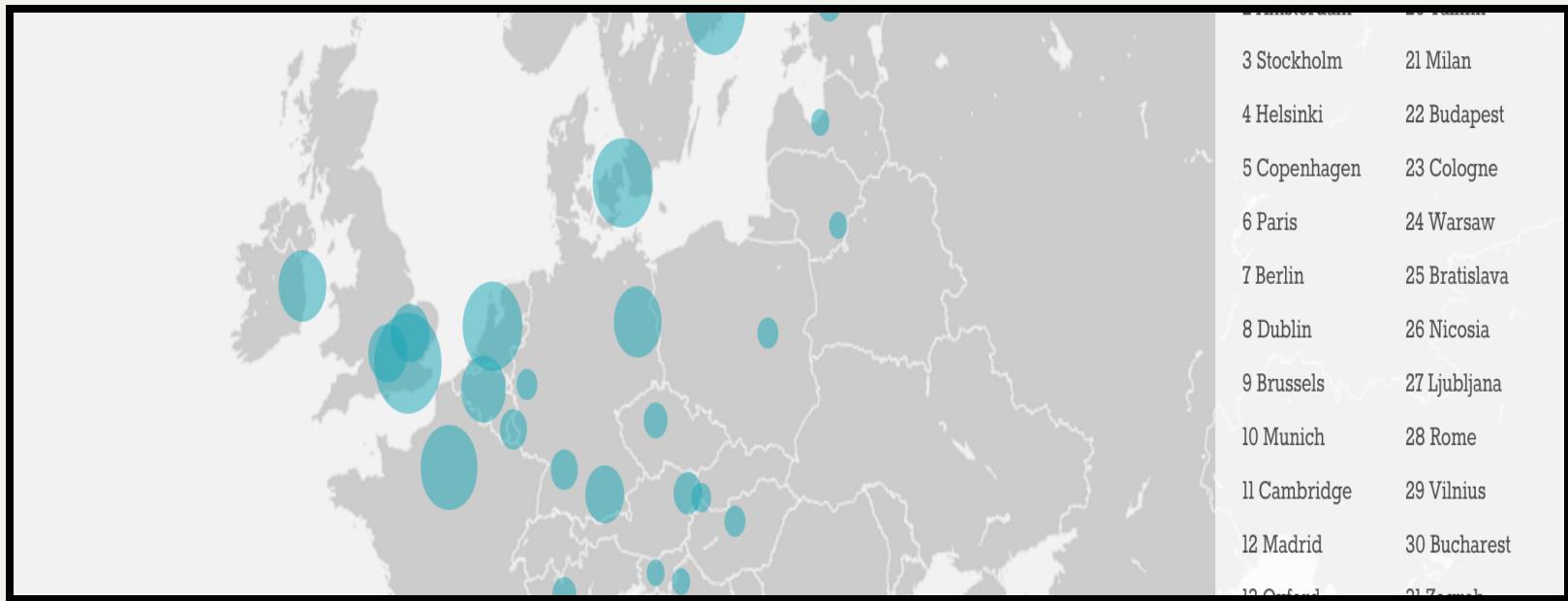
Publish open data



Examples

- Open makerspace dataset
- Another example?
- Another example?

Build websites and data applications



Examples

- European Digital City Index
- Data USA
- Arloesiadur

Video/audio etc

Running projects

Prototyping and experimenting

Engaging

Measuring impacts

And now for the **fun!**



Exercise - Rethinking some our great reports from the ground up

Aim

Are there different ways we could have approached some our past reports and projects, this both in terms of different types of data we could have used, methods we could have used to capture and analyze the data and different ways we could have visualized and communicated the work?

The plan

Time	Task	Activity
5 minutes	Get organised	Get into groups and pick a report you would like to work on
20-25 minutes	Come up with a new approach	<p>Groups work on new approach focusing on:</p> <ul style="list-style-type: none">• Types of data• Methods• Communication / visualization <p>Budget isn't an issue, but we can't fund a new CERN If you got time, discuss and map out in your group which of the skills required to do the new project you outlined we currently have at Nesta.</p>
10 minutes	Present back	Each group is given 2 minutes to present their new approach. Extra points are given to groups that have drawn / illustrated what they would like to do.
2 minutes	Voting	Each participant is given 2 votes they can use to vote for the best project idea. [we don't have to do this, but could add a nice competitive element]