



Publishing your research data

Publishing Power Hour 4

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Session outline

1. Definitions
 2. FAIR – a fairly useful acronym
 3. Why you *want* to publish data
 4. Why you *need* to publish data
 5. Process
 6. Preparation
 7. Common Retorts
- Question time

FAIR – a fairly useful acronym

- F - Findable
- A - Accessible
- I - Interoperable
- R - Retrievable

Definitions

- What is 'research data'?
- What do you mean by 'publishing'?

Why you want to publish data

- Benefits
 - Improved impact
 - Giving back to your discipline
 - Open Science
 - Personal visibility / Better connections
 - Citable document of research process

Why you need to publish data

- Publisher requirements
- Funder requirements
- Funder suggestion (ARC/NHRMC – “strongly encourage”)

Process

- For the Curtin Data Collection:
 1. You fill out the [dataset publication form](#)



Publishing research data as open data can help your work achieve greater impact and help the research community in general. [This page](#) describes some benefits of publishing data openly. Please be aware that the data publication process usually takes 6 - 10 working days after the submission of this form.

Also Please note this form is **NOT** for the depositing of theses. Please refer to the [Depositing your thesis](#) guide instead.

If you have clearance from your ethics advisor and your data meets the criteria for inclusion listed [here](#) please complete the form below and a member of the Library will be in touch with you.

We are only able to publish data for people affiliated with Curtin. Please email researchdata@curtin.edu.au for any issues regarding this.

Questions marked with a red asterisk are required fields.

Please enter the name and Curtin email address of the owner.*

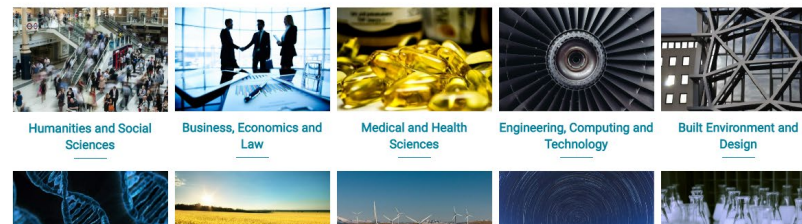
Please give a brief descriptive title for the dataset that indicates what the data is describing.*

Process (cont.)

- For the Curtin Data Collection:
 2. We'll create a record for it, upload it to the Curtin servers (if appropriate) and make it available through [Research Data Australia](#)



Browse By Subjects



Process (cont.)

- For the Curtin Data Collection:
 3. The data will get indexed into [Google Datasets](#)

The screenshot shows a Google search for 'cupcakes' on the Google Datasets platform. The search bar at the top contains the word 'cupcakes'. Below the search bar are several filters: 'Last updated', 'Download format', 'Usage rights', 'Topic', and 'Free'. The search results are displayed in a list on the left and a detailed view on the right. The detailed view is for the dataset 'Average price per unit of the leading U.S. cake/cupcake/pie mix brands 2015' by Statista. The dataset was updated on August 1, 2015, and is provided by Statista. The area covered is the United States. The description states: 'This statistic presents the leading brands of cake/cupcake/pie mixes in the United States in 2015, based on average price per cake/cupcake/pie mix was 2.74 U.S. dollars.'

Google

cupcakes

Last updated Download format Usage rights Topic Free

fred.stoulsfed.org
Updated Jul 29, 2019

Cupcakes, Chocolate (cost Per Pound/453.6 Grams) in South...
fred.stoulsfed.org
Updated Jul 29, 2019

CUPCAKE GIRLS, fiscal year ending Dec. 2017
projects.propublica.org

Average price per unit of the leading U.S. cake/cupcake/pie...
www.statista.com
Updated Aug 1, 2015

U.S. retail dollar sales share of cupcakes and brownies 2016, ...
www.statista.com

statista

Average price per unit of the leading U.S. cake/cupcake/pie mix brands 2015

Explore at Bread and Bakery Products

Data set updated Aug 1, 2015

Data set provided by Statista

Area covered United States

Description This statistic presents the leading brands of cake/cupcake/pie mixes in the United States in 2015, based on average price per cake/cupcake/pie mix was 2.74 U.S. dollars.

Process (cont.)

- For discipline specific repositories:
 1. Every repository has slightly different requirements
 2. We haven't seen them all, but if you ask us, the library can help

Preparation

- Consider your motives for data publication. Is it:
 - Reproducibility?
 - Connections?
 - Funder/publisher requirements?
- *Then* make sure the data you make available is suitable for those purposes

Preparation (cont.)

- Basics
 - Use standard formats for your discipline
 - Less restrictive file formats
 - Include codebooks
 - Have clearly structured data
 - Use clear licensing
 - Use de-identification or aggregation if appropriate



Common Retorts

- Sensitive data
 - Solutions: de-identify; aggregate; provide metadata only
- Commercialisation
 - Solutions: Embargo; provide under appropriate licenses
- I don't have any data
 - Solutions: Re-consider data as “evidence/documentation of my process”
- No-one in my field does it
 - Solutions: Be a trailblazer!; talk to the library

Resources

- [Library Guide](#)
- [FAIR Data 101](#)
- [Research Data Australia](#)
- [Data collection page](#)
- [ARDC sensitive data resources](#)
- [Research Data team email](#)
- [Research Data Champions](#)

Question time

Publishing Power Hours

1. [Finding quality journals to publish in](#) – recording [available](#)
2. [Identifying predatory journals](#) – recording [available](#)
3. [Tips for getting your article published](#) – recording [available](#)
4. [Publishing your research data](#) – Wednesday October 28th, 12-1
5. [Publishing Open Access](#) – Wednesday November 4th, 12-1

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