



# Data Management Appraisal Project (DataMAP)

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July 2019

Monash Caulfield

# Interviews

54 researchers identified

20 interviews conducted with 24 staff

8 profs, 3 assoc. profs, 3 snr research fellows , 2 research fellows, 7 research staff, 1 professional staff

## Familiar topics

- Storage location
- Staff access
- Student access
- External access
- Data transfer
- Data analysis
- Paper archiving

## Less familiar topics

- Process of data backup
- Data access audits
- Digital archiving
- Digital destruction
- Data breach procedures

## Magic wand question

- 15 different suggestions
- Individual to University

## Outcome

- Data management plan

# REDCap (Research Electronic Data Capture)

## 2. DATA DETAILS

What type of patient data does the project use?

Multiple options can be selected

- Identifiable data - contains direct identifiers
- Re-identifiable data - direct identifiers have been removed but other indirect identifiers may be present
- De-identified data - no identifiable information is included

Where is the data (excluding project documentation such as ethics applications) stored?

For more information go to [Monash University Library's Storage Guide](#)

|                         | Identifiable data        | Re-identifiable data     | De-identified data       |
|-------------------------|--------------------------|--------------------------|--------------------------|
| S: drive                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Google Drive            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Google Team Drive       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LabArchives             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Monash.Figshare         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SQL server              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Qualtrics               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nectar                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SeRP                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| CloudStor               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Secure physical storage | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

People involved

Division

Types of data

Location

Backup

Sharing

Disposal

Archiving

Publication

IP

# Microsoft Excel Pivot Table – specific information

Which researchers are collecting data over the phone from participants in Europe?

| geo__1 | geo__2 | geo__3 | geo__4 | geo__5 | geo__6 | geo__7 | geo__8 | geo__9 | geo__au | geo__au | geo__au | geo__au | geo__au | geo__au | geo__au | geo__au | else_yn | lse_loc | lse_loc | lse_loc |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 1       | 0       | 0       | 0       |
| 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1       | 1       | 0       | 0       | 0       | 0       | 0       | 0       | 1       | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 1      | 1       |         |         |         |         | 1       | 0       | 0       | 1       | 0       | 0       | 0       |
| 1      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       | 1       | 0       | 0       | 0       |
| 1      | 1      | 1      |        |        |        |        |        | 1      | 0       |         |         |         |         | 0       | 0       | 1       | 1       | 1       | 1       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       | 2       | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       | 2       | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 1      | 0       |         |         |         |         | 0       | 0       | 0       | 1       | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 1      | 1       |         |         |         |         | 0       | 1       | 0       | 1       | 0       | 0       | 1       |
| 0      | 0      | 0      |        |        |        |        |        | 1      | 1       |         |         |         |         | 0       | 0       | 0       | 1       | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 1      | 1      | 1      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      |        |        |        |        |        | 0      | 0       |         |         |         |         | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |         | 0       | 0       | 0       |
| 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 2       | 0       | 0       | 0       |
| 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 2       | 0       | 0       | 0       |
| 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |         | 0       | 0       | 0       |

Drag fields between areas below:

**FILTERS**

- geo\_\_1
- prim\_\_2

**ROWS**

- ci\_name

**COLUMNS**

**VALUES**

geo\_\_1 1

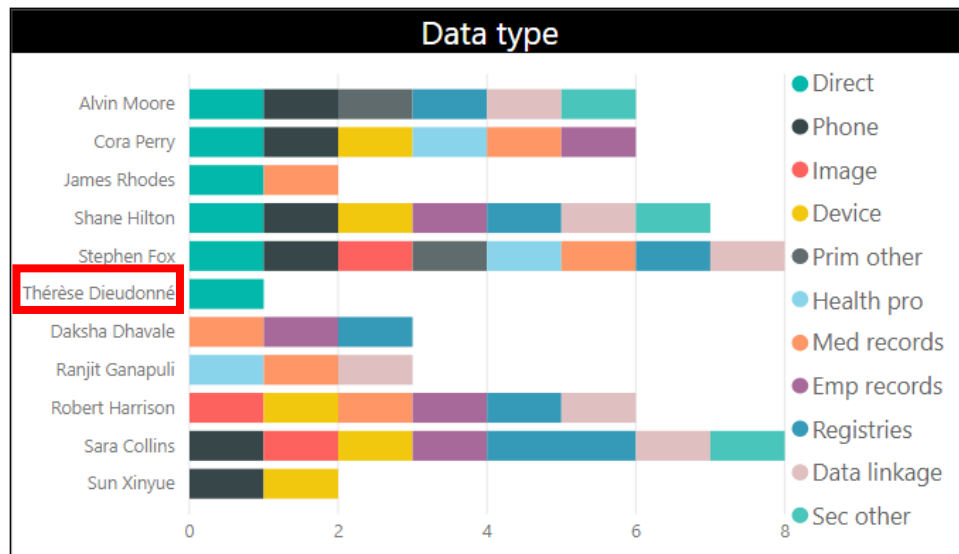
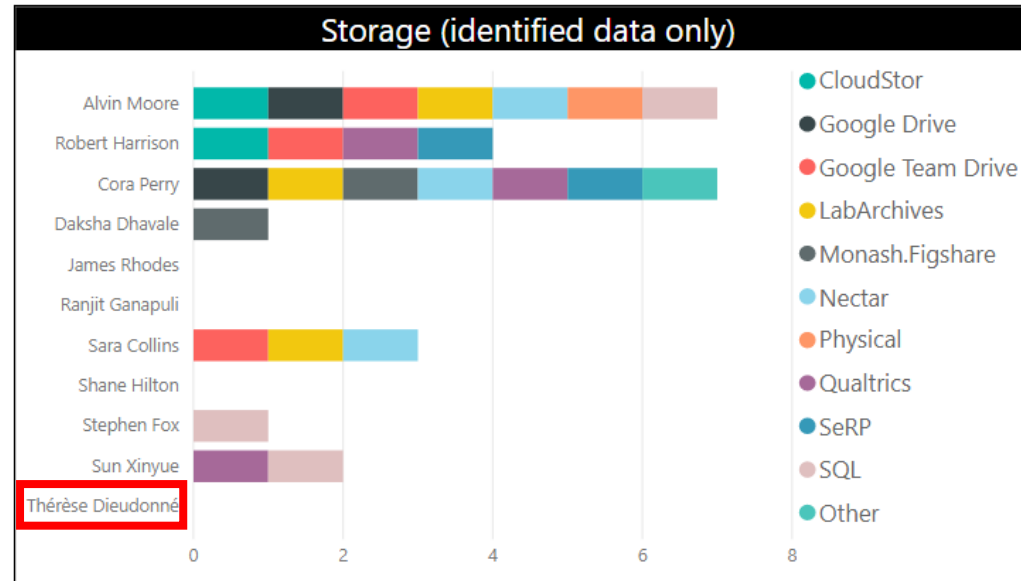
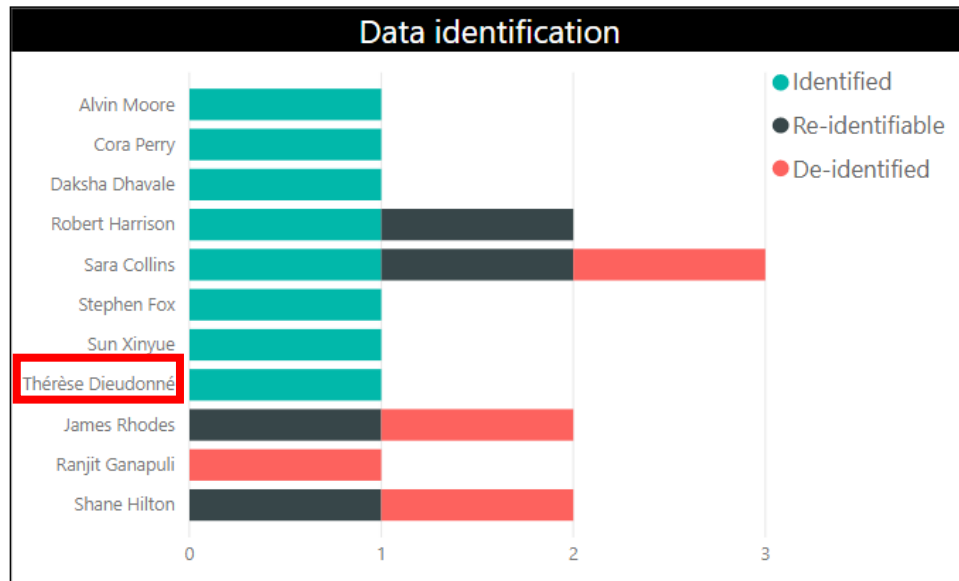
prim\_\_2 1

**Row Labels**

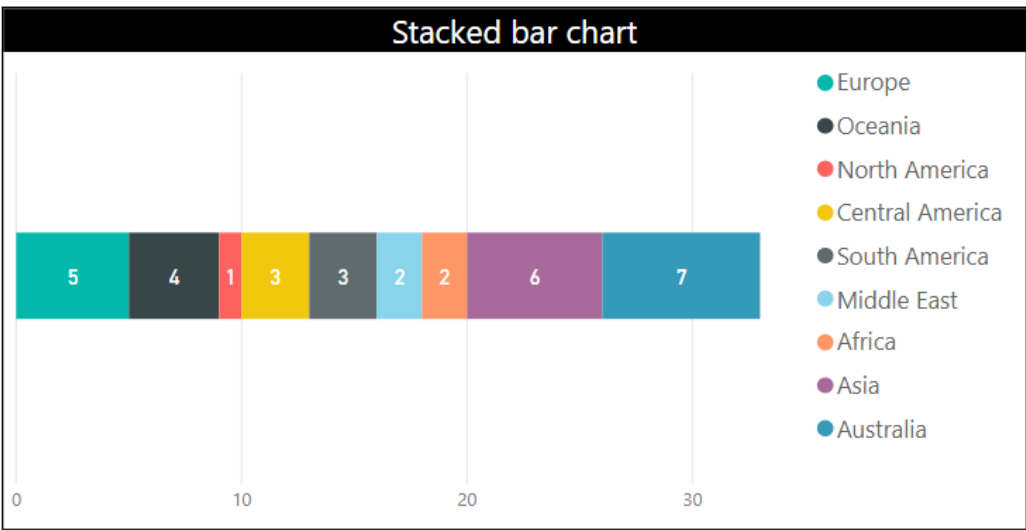
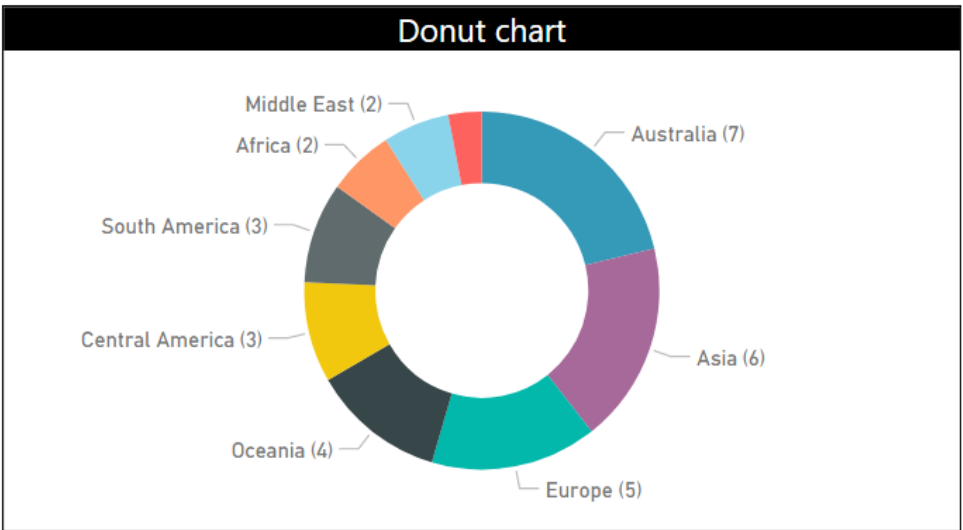
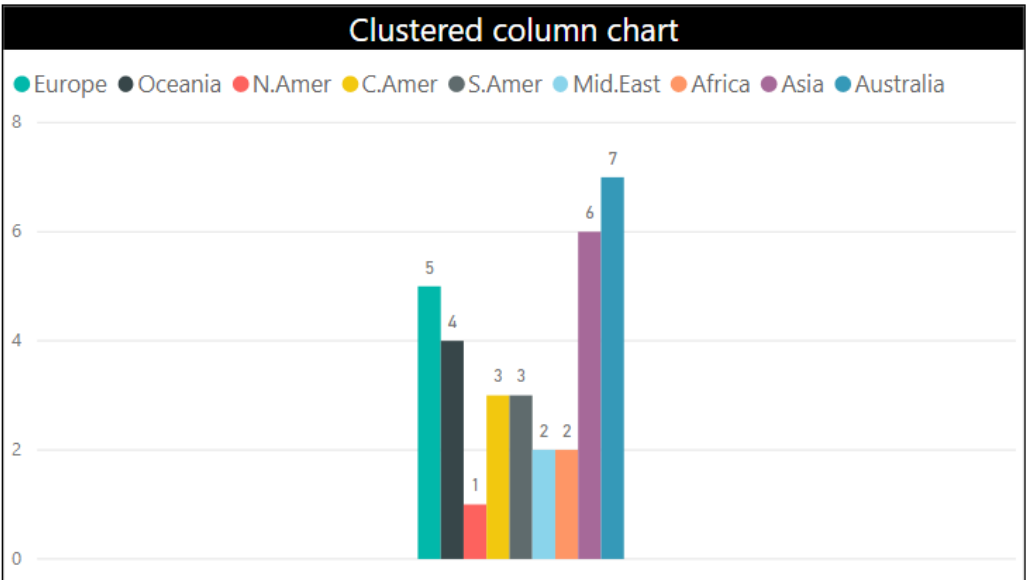
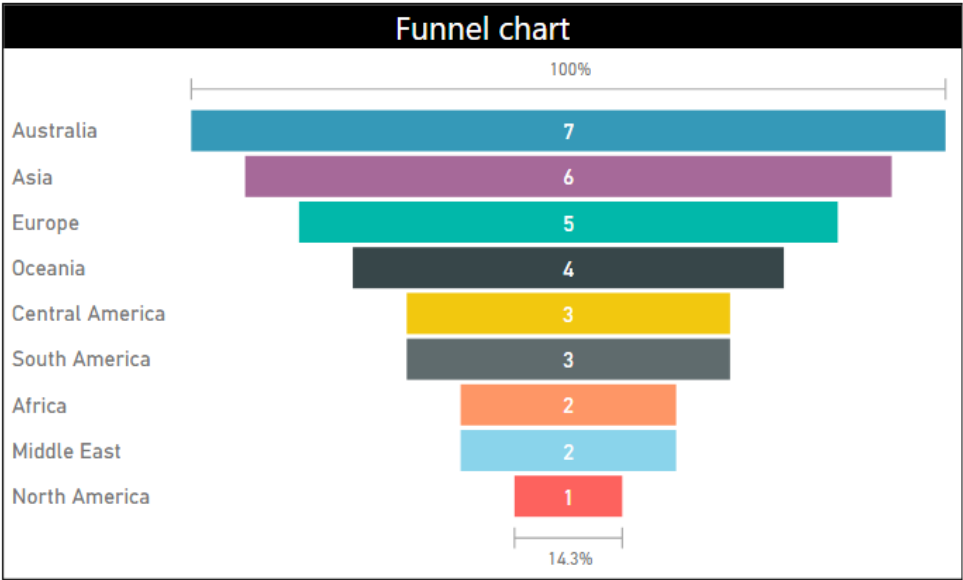
- Cora Perry
- Sara Collins
- Shane Hilton

**Grand Total**

# Microsoft Power BI – data cross-referencing



# Microsoft Power BI – same data, different displays



The screenshot shows the Microsoft Power BI interface. The **VISUALIZATIONS** pane on the left contains various chart icons, with a red box highlighting the funnel chart icon. The **FIELDS** pane on the right contains a list of data fields, with a red box highlighting the 'geo' fields (geo\_1 through geo\_9).