

Use case publishing guide

A use case is generally created in the form of a jupyter notebook*. It shows how to use the City of Melbourne's Open Data to solve realistic examples of real-world problems. They should inspire, educate, and help to encourage uptake of the open data.

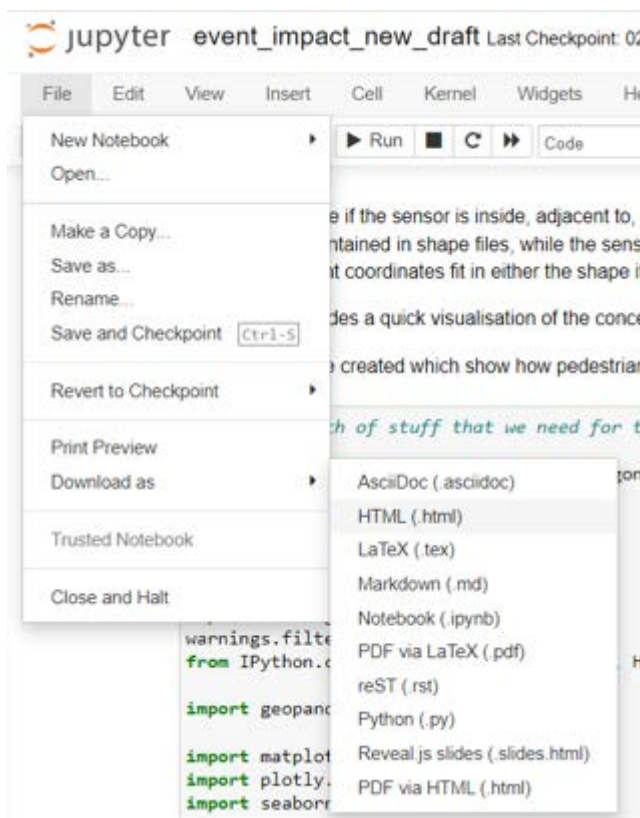
However, it can't inspire or educate anyone if they never even see it – so your use case needs to get published!

[Here](#) are the use cases which Chameleon has had published previously (although that link is expected to be changed by the Web Dev team to something which is more user friendly).

Publishing a use case

The process of getting a use case published goes like this:

- 1) Create your use case. (I believe this step is fairly obvious...)
- 2) Have it peer reviewed. A peer review process has recently been developed. Ask your team leader if you need help with this.
- 3) Put it into the template provided on Github, a file named usecase_TEMPLATE.ipynb
- 4) If there are any output cells you don't wish to include in the published version, clear them before exporting. This might include warnings, long outputs, anything you think could clutter up your use case.
- 5) Export your notebook as a HTML file.



[Explanation if you use VS Code.](#)

- 6) Create a .json file. This helps create the 'search' metadata for your use case. The below screenshot shows you an example of what this will look like. Reach out to the Web Dev team for support with this. They are the experts on this sort of thing!

```
{
  "title": "Melbourne Bicycle Network Routes and Road Safety Part 1",
  "name": "bicyclenetworkroadsafety-part1",
  "description": "As a cyclist, I want a safe transport journey in the city of Melbourne. Which roads are safest to cycle on? As a council, we seek to invest in road safety initiatives which reduce the occurrences of accidents resulting in serious injuries of citizens using our road network. Where are accident hotspots for cyclists occurring?",
  "tags": ["GeoJSON", "bicycles", "road safety", "route network", "accidents"],
  "difficulty": "Intermediate",
  "technology": [{
    "name": "numpy",
    "code": "python"
  }, {
    "name": "pandas",
    "code": "python"
  }, {
    "name": "sodapy",
    "code": "python"
  }, {
    "name": "folium",
    "code": "python"
  }
]
```

- 7) Submit the html and the json to the Web Dev team. You can do this using a Trello card.
8) Sit back and enjoy the glory of having your use case published for the world to see.

* If you want to create your use case in a different format, propose this to your team leader. They will always be interested in cool ideas.

Author

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