

## Meals on Wheels Analytics

Community Analytics Project carried out as a partnership between McGill University and Santropol Roulant.

### The Team

Name	Role	Affiliation
Moiz Shaikh	Student Consultant, Business/Data Analyst	McGill University
Jared Balakrishnan	Student Consultant, Engineering	McGill University
Béatrice Daudelin	Project Client PoC	Santropol Roulant

### Project Progress Summary

Use Case	Has this been done?	Comments
Development of User Guide for the new Volunteering Application	Yes.	One each for the volunteer application and the Roulant-side shift administration app
Build a platform to analyze data from the volunteering application	No. (50% done).	<p>The application has not gone live yet, and has not been used to administer Meals on Wheels shifts. This implies there is no data available.</p> <p>In addition, the application has bugs that need to be fixed. Ways to include this in future iterations are being discussed with the client.</p>

		However, all volunteering related information stored in Airtable has been able to be successfully extracted and analyzed.
Collect and Analyze data on Volunteering and Client Information	Yes.	<p>One of the deliverables, the dashboard, does this. Detailed documentation and source code is available for this.</p> <p>Code is available to host all of these disjoint sources in a unified data warehousing setup.</p>

## Action Items for the Future

- Hand-off Meeting:** The team members shall meet with the client in the upcoming days to hand over all artifacts related to the project. This might take longer than expected if:
  - The developers, with the consent of the client, intend to completely open-source all source code authored as part of this project so that the Roulant can own, modify and maintain the code in the long run.
  - The client would like the developers' assistance with adding more KPIs to the dashboard or the user guides until they deem the deliverables satisfactory.
- Hosting:** Currently, the project implementation is carried out and hosted all on the developers' local machines. This is the case because personal information relating to clients and volunteers are being handled, and therefore the client has expressed their desire to keep this information private. The final state:

- The dashboard made available by the developers shall first be deployed in the on-premises server owned by the Roulant.
- Over the course of the next year, the project will be migrated to Google Cloud as the Roulant looks to transition many digital assets to their Google Cloud instance.
- If deemed necessary, the project might be stripped down, open-sourced and rewritten in Django (the framework of choice of other Roulant software projects).