

# New/Mode Data Engineering Test

When writing the code test, please keep in mind programming best practices as well as the PEP8 Python coding standard.

## Specifications

Seek out open or public sources of online data related to Canadian members of parliament such as <https://represent.opennorth.ca> or <https://openparliament.ca/api>. Write a small python-based application that merges data from these sources. Analyze this data present your findings in a cohesive manner.

## Additional Notes

- The code does not need to be perfect, but it must be functional.
- We estimate that this test will take approximately 5 hours on average.
- Feel free to use APIs, contributed libraries and frameworks as you see fit.
- There is no such thing as too many comments.

## What to Submit

- All Python files, etc. needed to install, configure, and use the application.
- Detailed installation instructions in a README file.
- Attach screenshots of the presented data.
- Share the results of your work via a github repo or compress everything in a tarball and send it back via by email.

Please submit all completed tests to [develop@newmode.net](mailto:develop@newmode.net).