

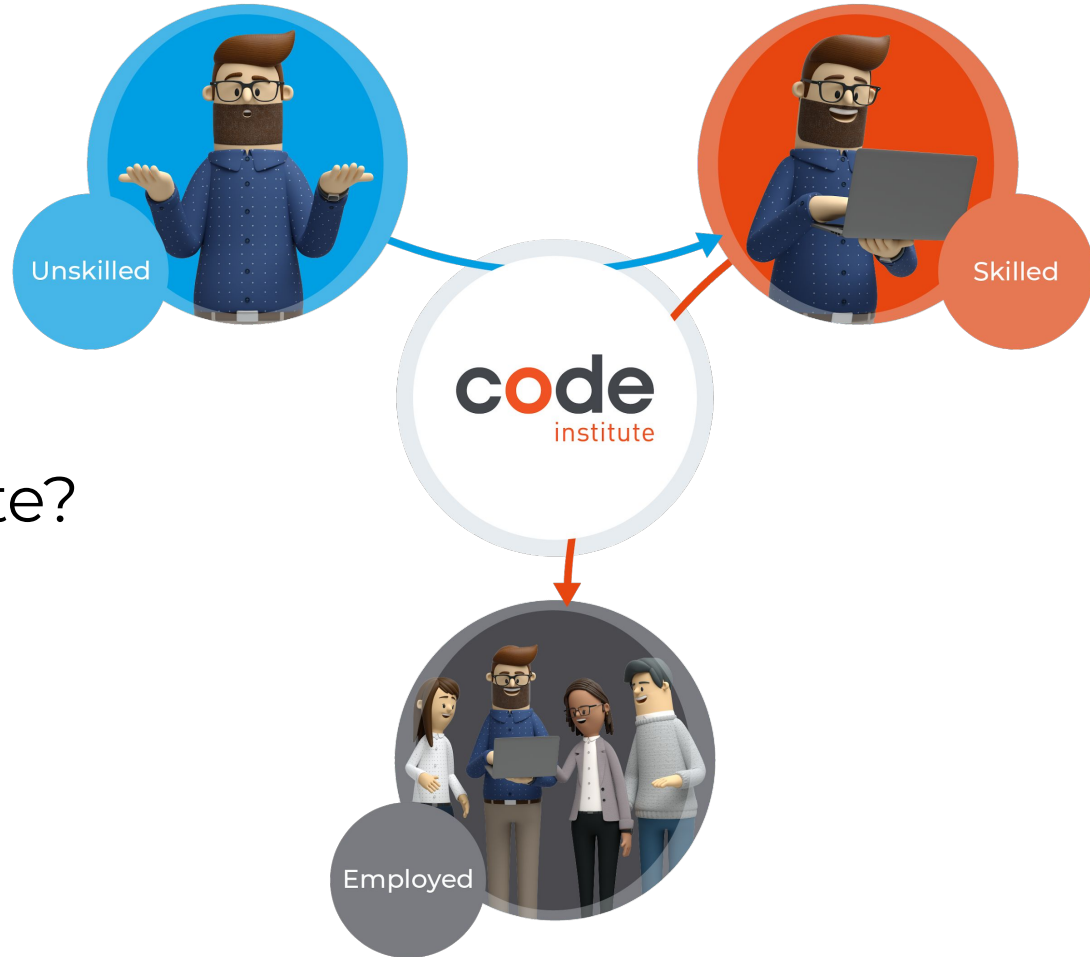


PyCon Ireland 2019:

Python iterators as a tool for analysing a social network

Yoni Lavi - Director of Student Experience

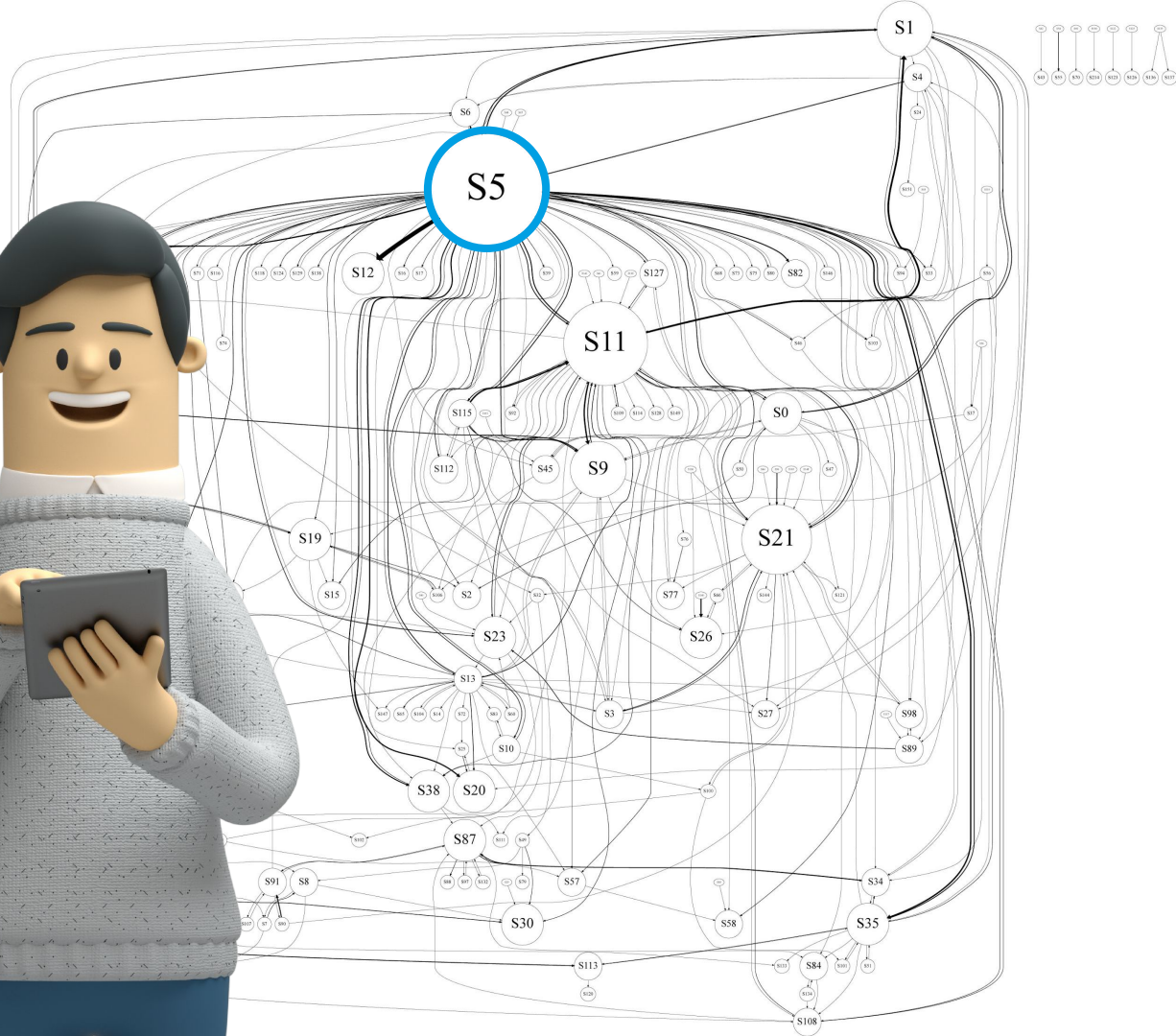
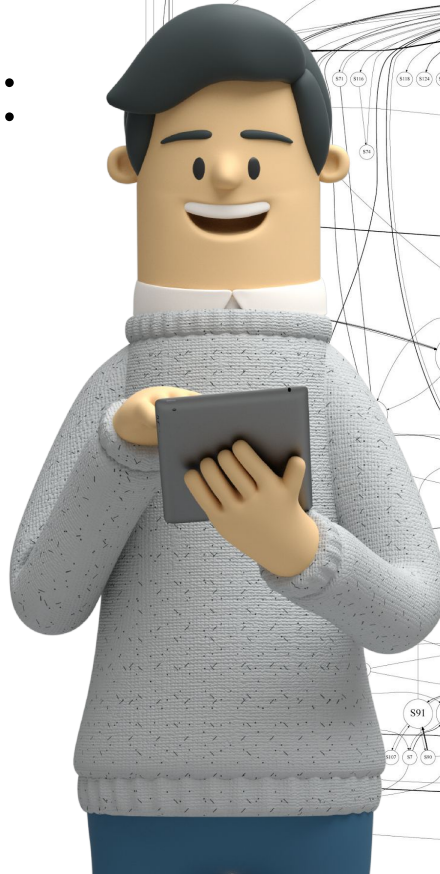
Who are Code Institute?



Who are our Students?



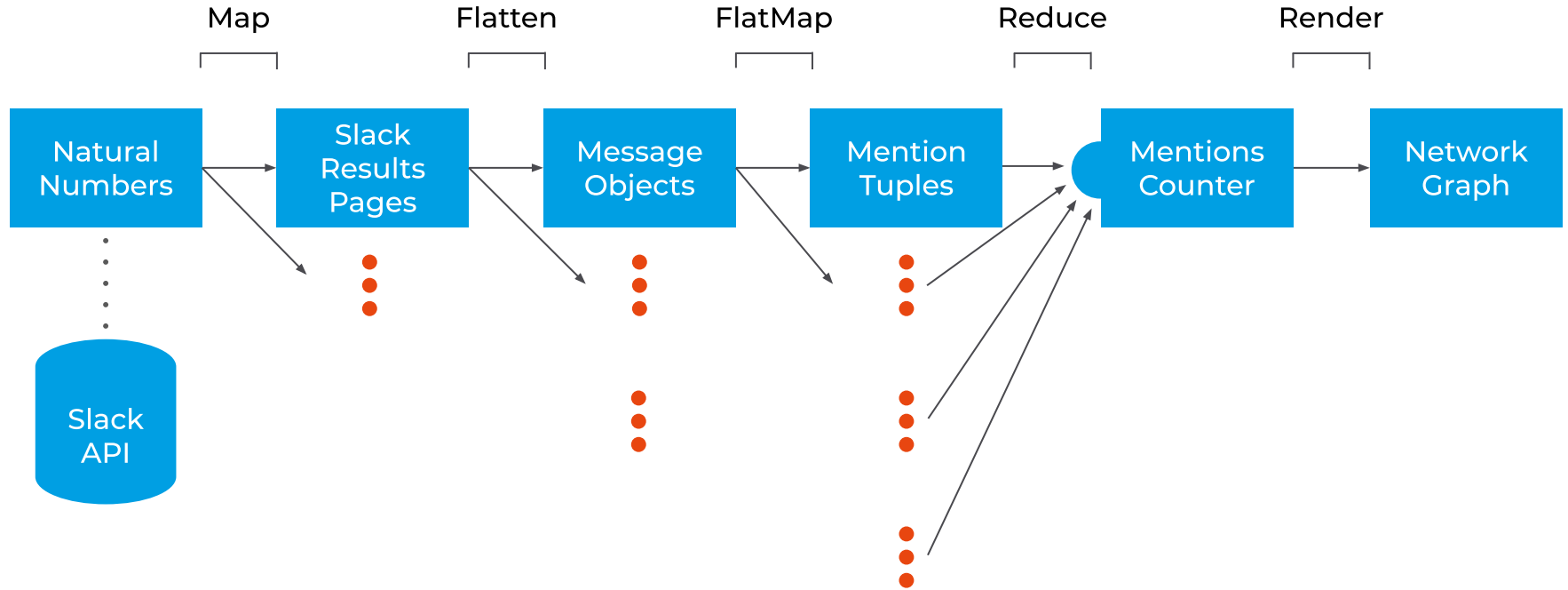
Today's topic: Analysing our **slack** Community



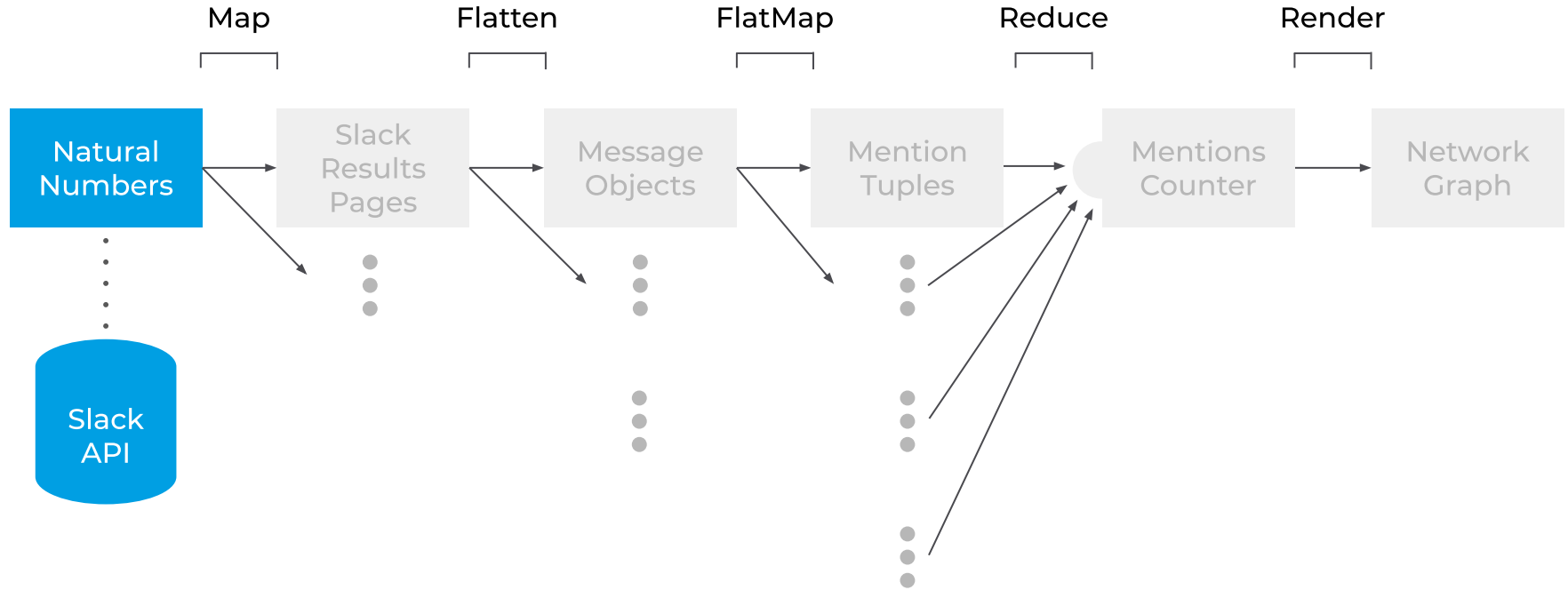
THE ITERATOR PROTOCOL

- ITERABLES
- ITERATORS
- LAZINESS
- GENERATORS

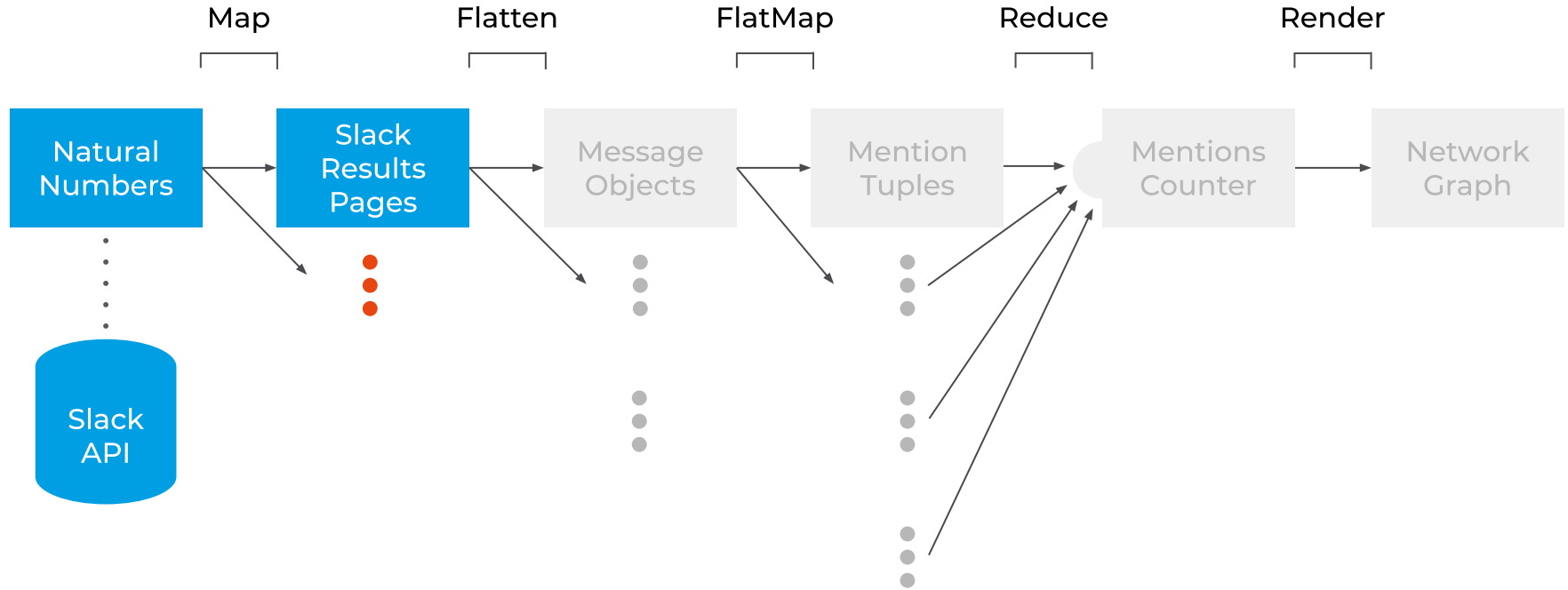
Data pipeline overview



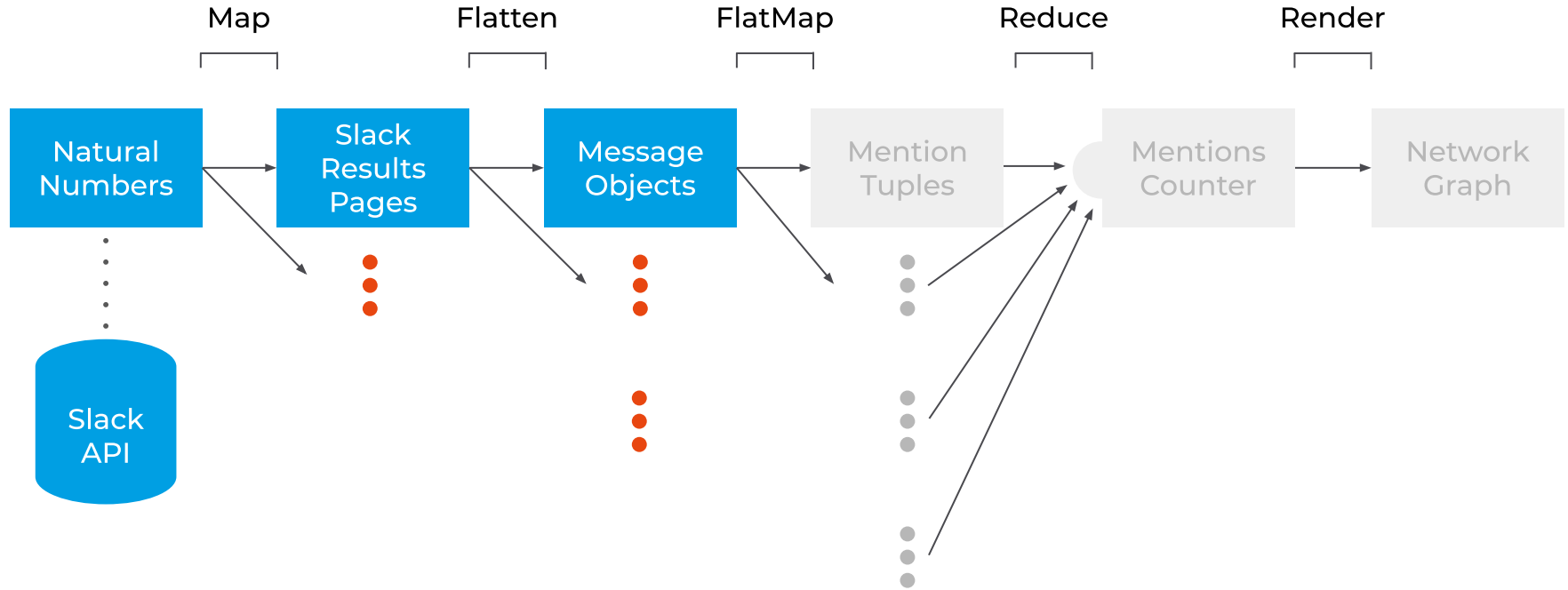
Data pipeline - phase 1: `fetch_user_mentions()`



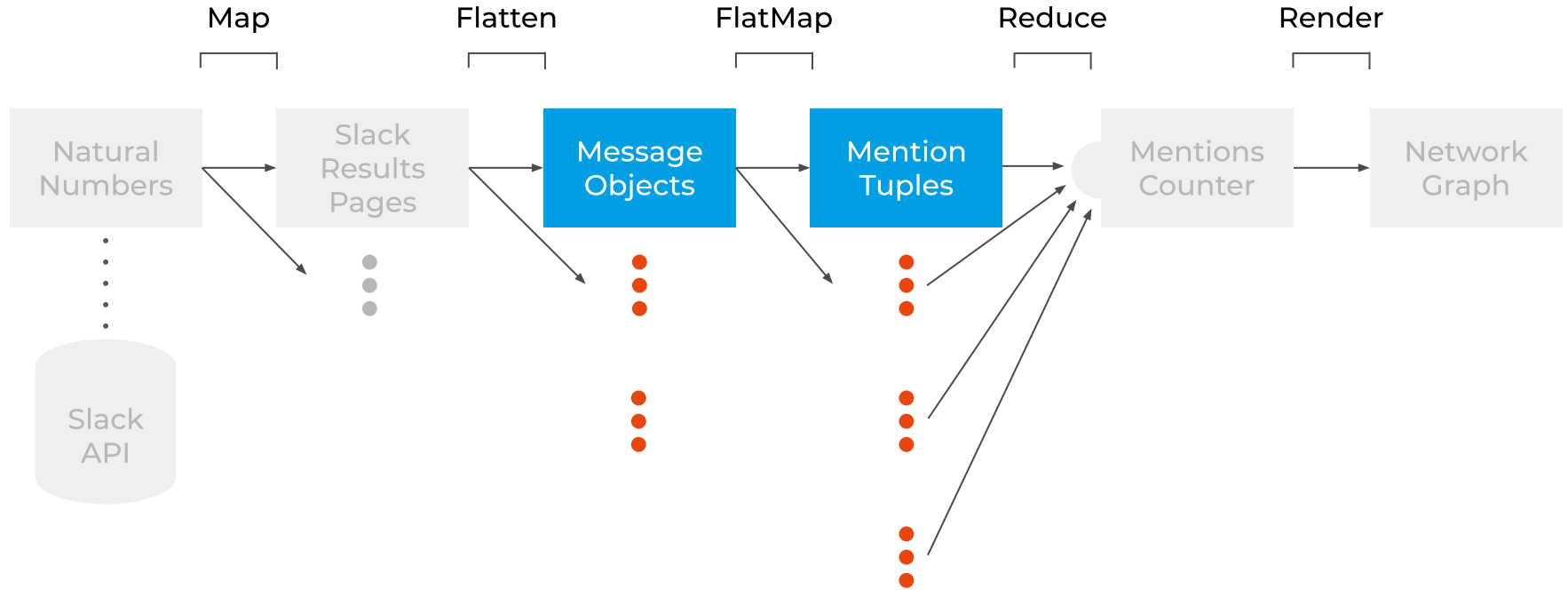
Data pipeline - phase 1: `fetch_user_mentions()`



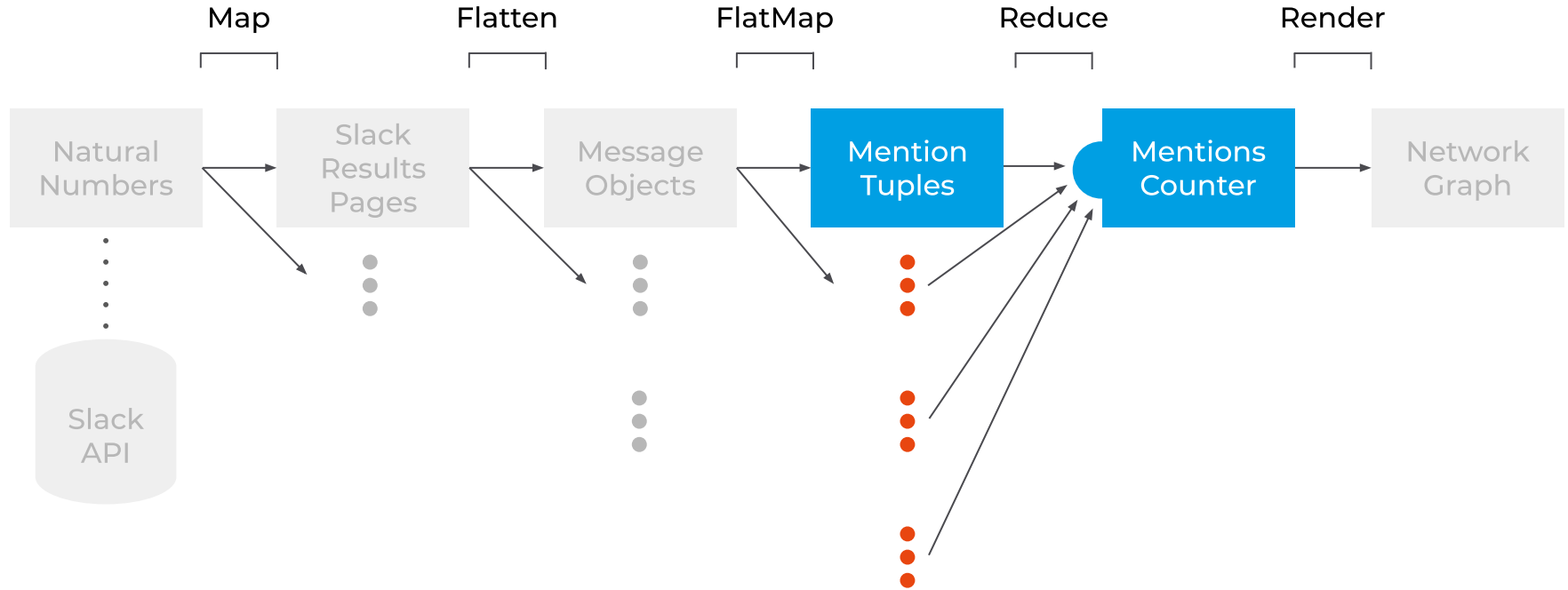
Data pipeline - phase 1: `fetch_user_mentions()`



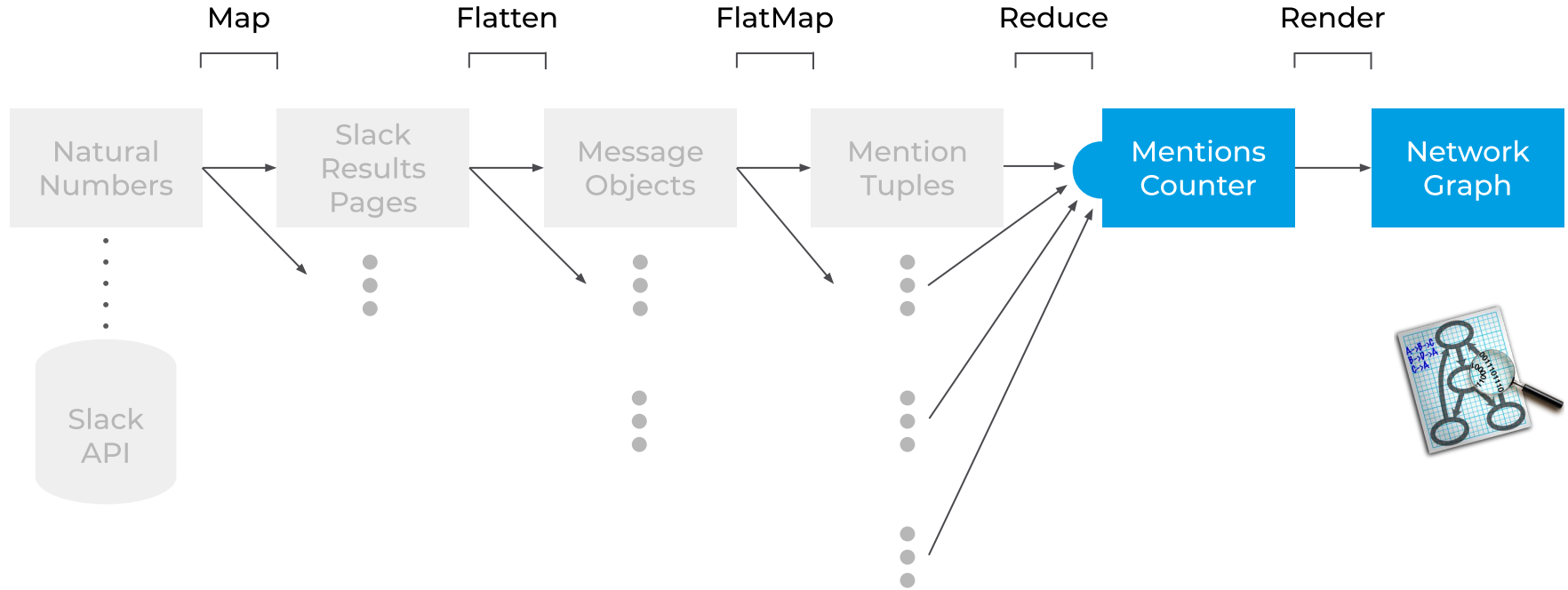
Data pipeline - phase 2: `extract_mentions()`



Data pipeline - phase 3: Counter ()



Data pipeline - phase 4: `render_graph()`



Questions





The code presented here is available on:

github.com/Code-Institute-Org/PyConIreland2019

Thank You!

We are looking f for mentors

Get in touch via: yonil@codeinstitute.net
or [linkedin.com/in/yonilavi](https://www.linkedin.com/in/yonilavi)