Sylvie Rheault
WHERE I'M FROM

- CRIUGM
- Neurosciences department
  Medicine faculty
  University of Montreal

WHAT I DO

- PhD student (since September 2017)
  - Sylvie Belleville, director
  - Simon Duchesne, director, Université Laval
- Dementia and Alzheimer's disease
- Mathematical models

WHAT I WANT TO LEARN

▶ Test machine learning

▶ Develop effective way of working in team on a project

▶ Practice Python programmation

▶ Organize wisely my data

▶ My project for the next three weeks

  ▶ Make fake models with known equations and try to find the equation with machine learning (introduce variability in model)

  ▶ Figure how to organize the data for my PhD

BACKGROUND

1990-1994 : Baccalauréat - École Polytechnique de Montréal (FSP: Finit elements)

1994-1995 : Master - École Polytechnique de Montréal (Thesis: Finit elements)

1995-1997 : Institut de recherche en électricité du Québec (Research: Finit elements)

1997-2007 : Médecine - Université de Montréal

2007-2012 : Clinical practice - Institut universitaire de gériatrie de Montréal (IUGM)
    Day hospital with geriatric clients

2012-2017 : Clinical practice - CISSS des Laurentides
    Home visits, memory clinic, Geriatric assessment service, Long term care
    facilities, STD clinic, etc.

▶ Futur: Both research and clinical work

TALK TO ME ABOUT

- Anything
- Lots of interest but not much specialized in anything

REPOSITORY

▶ https://github.com/rheauls/projet_brainhack_mtl

▶ Courriel: sylvie_rheault@videotron.ca