Meeting Minutes

Location: ICCS 238

Time: 9 am – 11am

In attendance: Martin, Nasim, Aaron, Fan, Varada, Ayla

# Data

BC Public Service [Work Environment Survey](https://www2.gov.bc.ca/gov/content/data/statistics/government/employee-research/wes) (WES)

* Survey is currently biennial
  + 2007-11, 2013, 2015, 2018
* Voluntary census, approx. 80% coverage
* Various scales that the questions get at
  + Job satisfaction
  + Ministry satisfaction
* 2015 & 2018 data is labelled by up to 5 categories
  + There are around 65 categories
* Format of data
  + Csv
  + Excel
  + Spss
    - R package Haven can read it
* Access
  + Nassem will provide subset of data before Tuesday
  + Working on IDIR access
  + Store data on SharePoint through IDIR
* Data will be deidentified
* Data has been visualized by plotting commitment, satisfaction, engagement, etc

# Nasim’s Project

* Had train and test data
* LDA for topic modelling
* Sentiment analysis
* Looked at qualitative
* Azure
* PowerBI
* API on front and back end
* Modeling on new data like chatbot
* Presented project in Victoria

# Project Organization

* Martin will get us a repo on [BC Gov GitHub](https://github.com/bcgov) account
* Communicate by email
* Meet weekly
  + Varada will send a calendar invite

# Project

* Code can be open source
* Project disclosure
  + Project can be talked about other than specific comments
* Project is more open ended
  + No specific deliverable
* Some things that were mentioned in the meeting
  + Match quantitative and qualitative results
  + How do people’s responses change with change when the government changes?
  + Is turnover visible in the data

# Other

* Waiting to hear about office space
* All signed and took Oath under the Statistics Act