




Week 3

Project Report

May 17 - 23, 2021



Eric, Vicens, and Ben



StatCan Covid-19

Canada Emergency Wage Subsidy

Dashboard and Report

Overall Progress

- **1st Week:** Project understanding
- **2nd Week:** Data exploration
- **3rd Week:** Dashboard and report

Accomplishments

- **Exploration and Analysis of the CEWS Program**

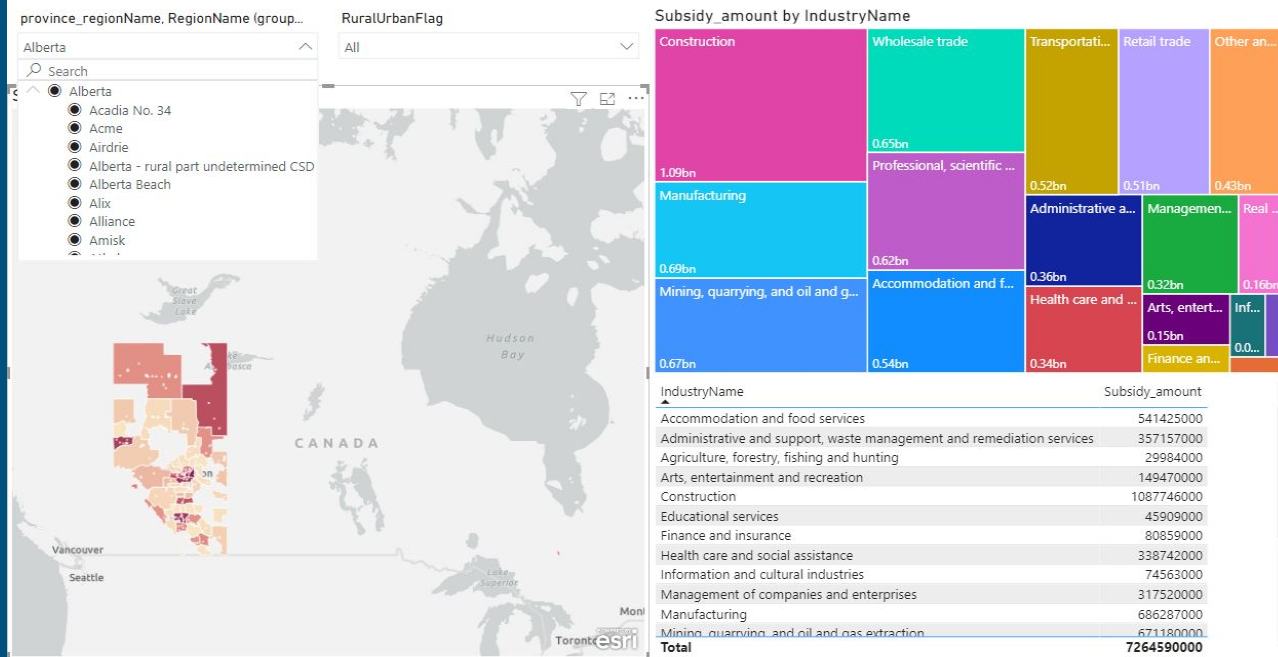
- https://github.com/ubco-mds-2020-labs/w2020-data599-capstone-projects-statistics-canada-covid-19/tree/main/cews_report/final_report

- **CEWS Dashboard**

- Live demo

Dashboard

GIS Analysis: Level 1 Industry(Industry Code: XX) Subsidiy Distribution



Planning and Action Items

- Report editing and proofreading
- Dashboard aesthetics
- **API feasibility study**

Roadblocks

- Power BI on Mac
- Issues with interpretability of additional dataset
- Color scheme consistency
- StatCan expectations (focus on API project)

Deviation From Initial Plan

- Expectations for the API study were substantially enhanced
 - Use of APIs data as real-time business indicator
 - Development of a indicator
 - Sentiment analysis of Twitter data?
 - Feasibility study as inventory of APIs
 - Commercial leasing websites
 - Sharing economy big data

Incremental Results

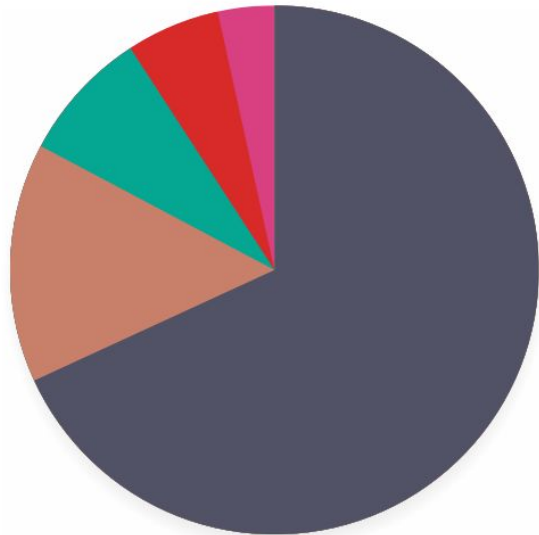
- **1st Week:** Project understanding
- **2nd Week:** Data exploration
- **3rd Week:** Dashboard and report
- **Remaining time:** API project and report/dashboard tweaks

Summary of Individual Work

Eric

TOTAL HOURS

37:23:20



TIME ENTRY

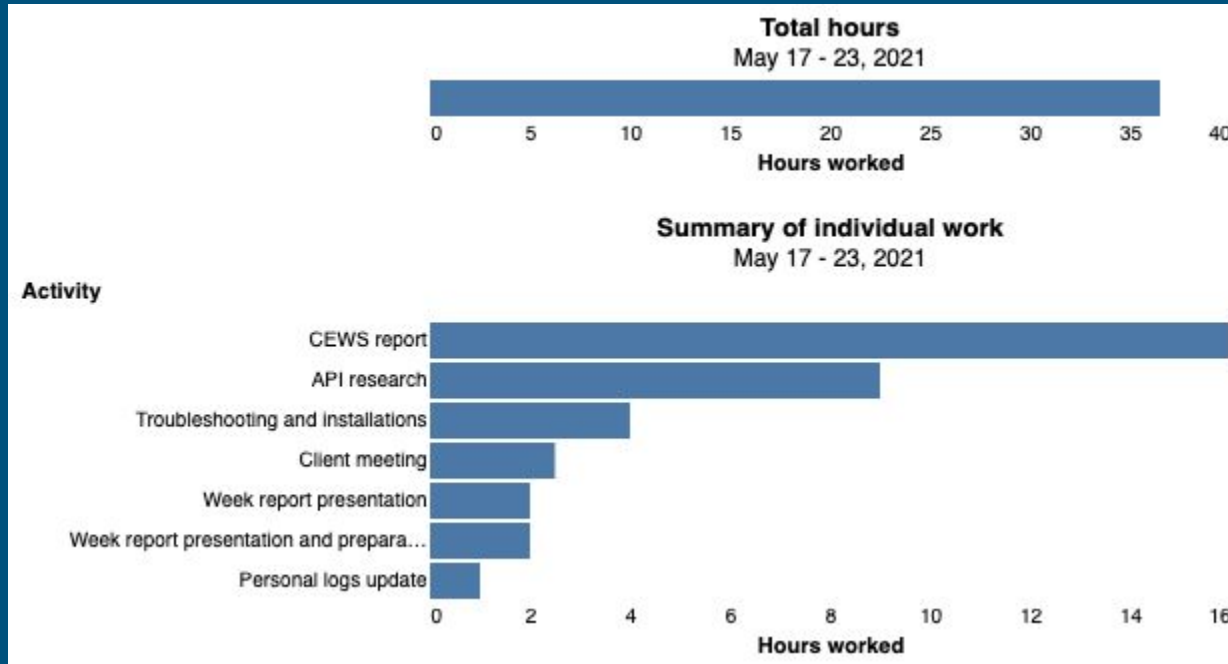
- CEWS Report
- Dashboard
- Client Meeting
- Presentation
- PowerBI Tutorials

DURATION

25:27:54
5:29:18
3:01:08
2:06:00
1:19:00

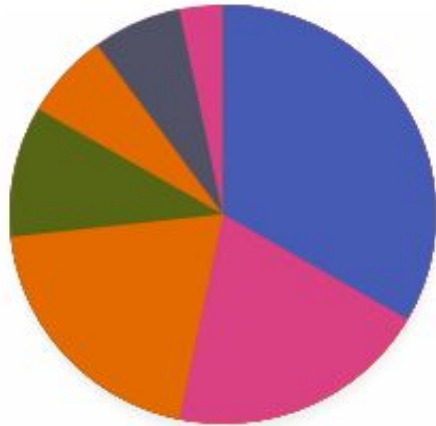
Summary of Individual Work

Vicens



Summary of Individual Work

Ben



TIME ENTRY

- data wrangling on creating a data set with explicit data
- Complete the first version of GIS analysis on CSD industries.
- adjust the dashboard base on client's requirement(hierachical dropdown menu, etc)
- Second Client meeting
- Group meeting
- Client meeting
- debating on Tree graph VS Pie Chart

DURATION

5:00:00
3:00:00
3:00:00
1:30:00
1:00:00
1:00:00
0:30:00

Client Minutes

https://github.com/ubco-mds-2020-labs/w2020-data599-capstone-projects-statistics-canada-covid-19/blob/main/meeting-logs/meetings_week3.md



Thank you!