Cloud Service Revenue Analysis Framework (CSRAF)

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Overview

1. Project Scope
2. Framework
    a. Data compilation
    b. Analysis
        i. Top 10 Canadian Companies Revenue vs
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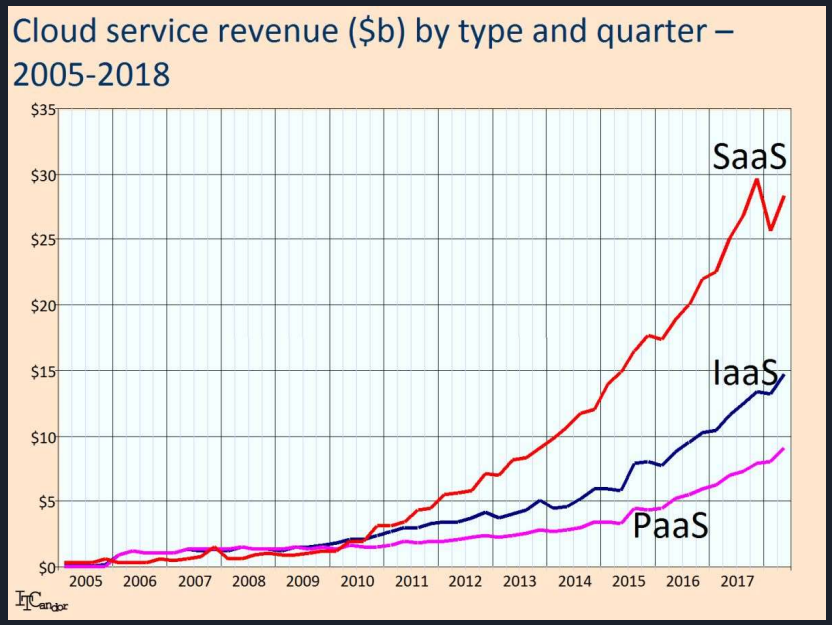
3. Conclusion / Further Considerations

Project Scope



"Measure businesses' expenditure on Cloud services worldwide and isolate the percentage of services provided by Canadian firms."

Framework

- Data collection
  - Revenue as a measure for expenditure
  - Sources
- Data cleaning
  - RStudio
- Data visualization for analysis
  - RStudio – Shiny

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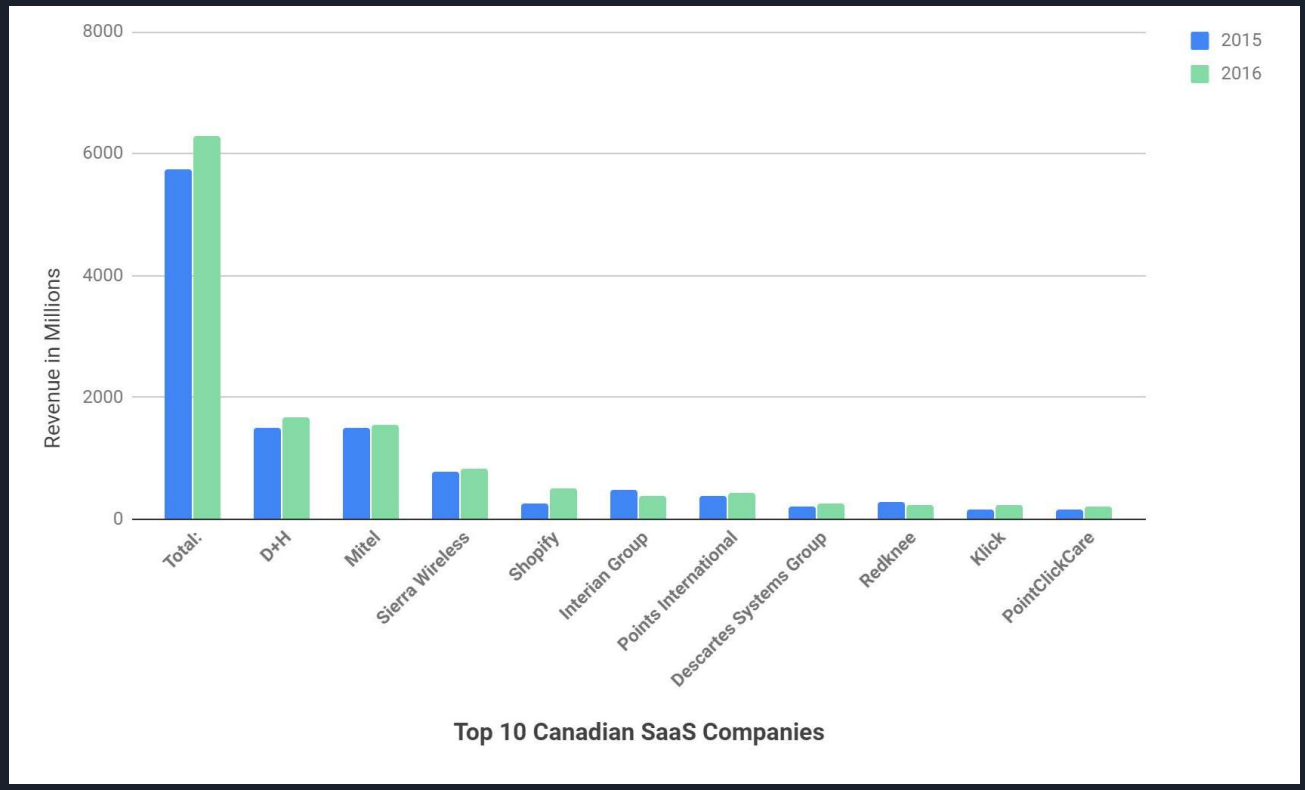
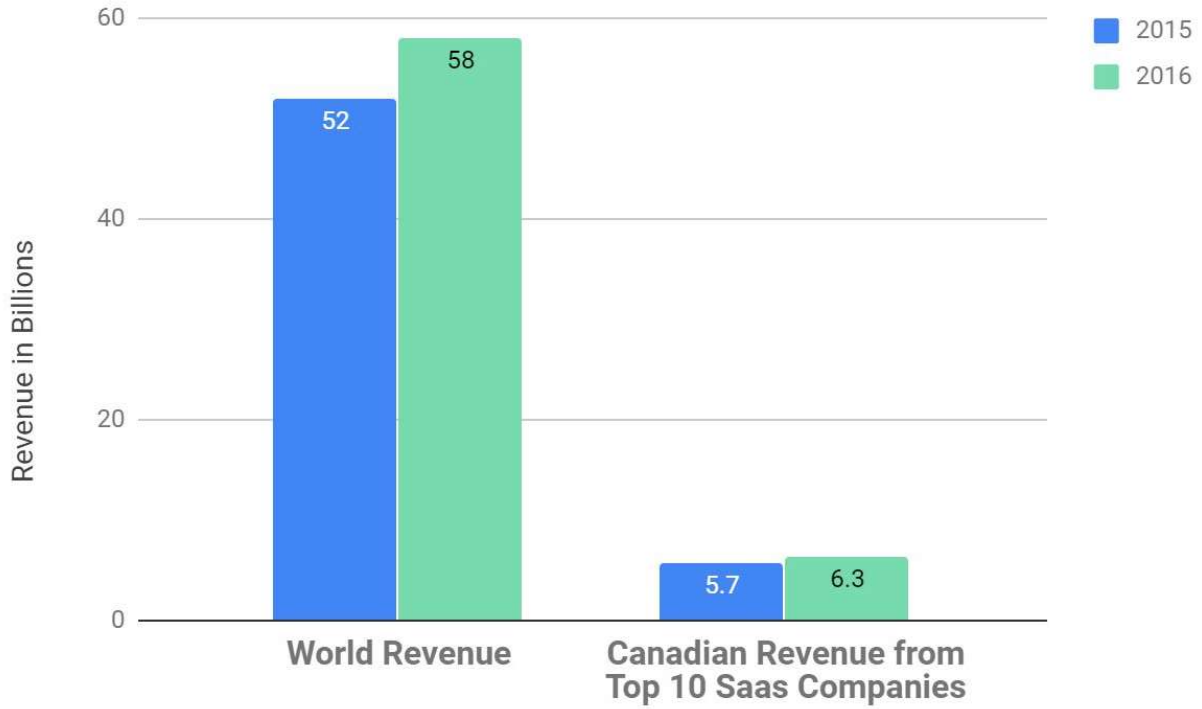
Analysis: Revenue from Top 10 Canadian Companies (Saas)

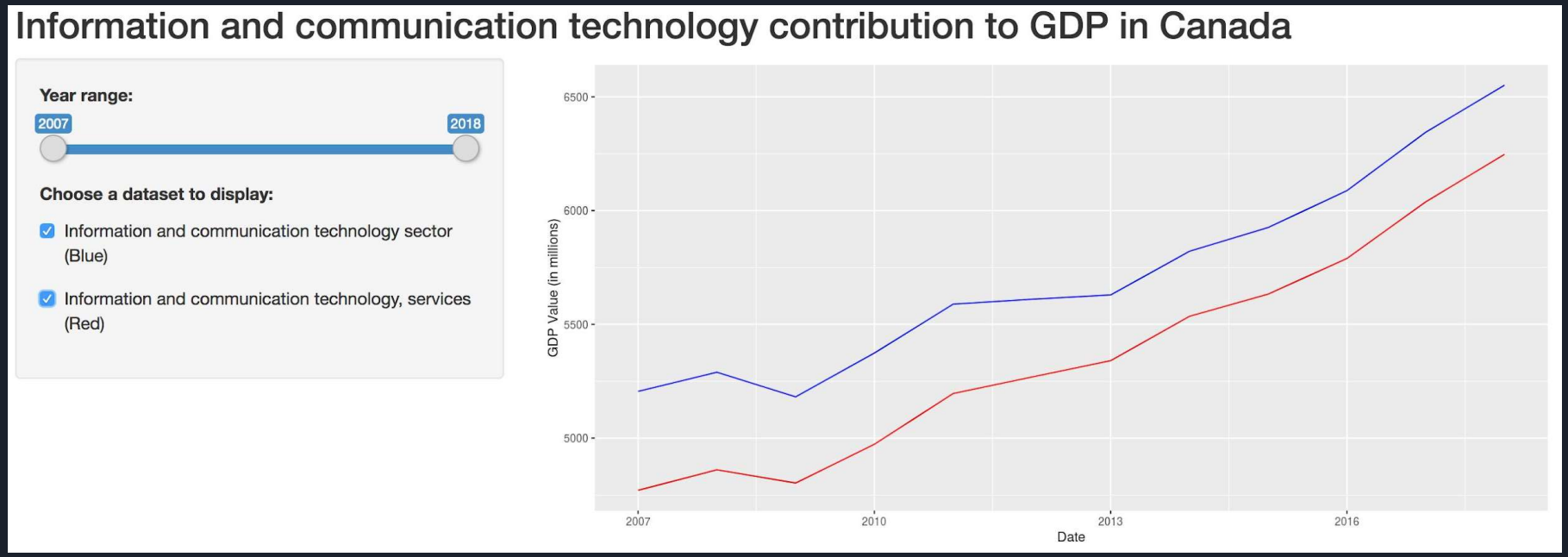


Comparison of Global and Canadian Saas Revenue



The top 10 Canadian Companies represented close to 11% of the global Saas market in 2015 and 2016.

Data Visualization using R and Shiny Package



Conclusion / Further Considerations

- Framework can be applied to Paas and Iaas for a full picture
- Difficulty of defining the economic contribution of cloud services on Canada
    - Job creation from foreign companies
    - Cloud service brokers