

DATA SCIENCE EXPERTS GROUP

A better world through data science

Portfolio

Selected Projects by DSEG Members

1. Nuclear waste repository system probability failure model, *Nuclear Waste Management Organization* (**Sysabee-CQADS**, 2014-16)
2. Assessment and analysis of consular data, *Global Affairs Canada* (**Sysabee-Idlewyld**, 2015-17)
3. Data analysis methods for SEA data analytics, *Communications Research Centre Canada* (**Sysabee-Idlewyld-PSW Applied Research**, 2016)
4. Modelling, analysis and creation of predictive simulations to support the development of species at Risk Protection Plan, *Environment Canada* (**Sysabee**, 2014-15)
5. Discrimination and nondiscrimination in parasites: A simulation created for analysis of evolutionarily stable states and population dynamics, *Forbes Lab Biology Department, Carleton University* (**Sysabee**, 2013-14)
6. Data envelopment analysis for security officers performance, *Canadian Air Transport Security Authority* (**Idlewyld**, 2016)
7. Queueing model of wait time at pre-board screening checkpoints, *Canadian Air Transport Security Authority* (**CQADS**, 2013-15)
8. Booking data flow, *Holland America Line* (**Hiberdata**, 2015-16)
9. Remote data management, *YMCA San Francisco* (**Hiberdata**, 2015)
10. Corporate and team sites, *Canadian Football League* (**Hiberdata**, 2015)
11. The new Blood.ca Drupal donor web portal, *Canadian Blood Services* (**Hiberdata**, 2014)
12. Spatial database and server administration, *Geomatics Division, Indigenous and Northern Affairs* (**Slootsky Consulting**, 2012-17)
13. Database administration and development, *Public Works and Government Services Canada* (**Slootsky Consulting**, 2008-12)
14. Elections Canada revision systems, *Elections Canada* (**Slootsky Consulting**, 2008, 2011)
15. Linked data research, *Orlando Project, Guelph University* (**PSW Applied Research**, 2015-present)
16. Mapping the Western Front: the British and German experiences, *History Department, Acadia University* (**PSW Applied Research**, 2015)
17. Data-mining, data-extraction and information retrieval research on RDF, text and classical database systems, *Big Data Analytics Institute* (**PSW Applied Research**, 2013-16)
18. Legal e-Discovery in large text corpuses using social networking analysis as an additional feature to determine privilege and responsiveness status of documents, *University of Waterloo* (**PSW Applied Research**, 2010-12)

Selected Reports and Presentations

1. [Notes on Spectral Clustering and Clustering Validation](#) (**CQADS**, 2017)
2. [Data Science Strategies for Software Quality Evaluation and Development](#)

DSEG

Members & Associates

Data Systems and Applications

Data Analysis and Machine Learning

Data Hosting and Management

Portfolio

Contact Us

