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Data Science at McGill

- Drawing from a wide variety of disciplines, McGill is training the next generation of highly qualified professionals in data science.
- Researchers are also applying data science methodologies to solve current problems in domains ranging from the basic sciences to health care, education, economics, public policy, social media, cultural analysis, and beyond.

Programs

Science and Eng | Arts | Management | School of Continuing studies

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CDSI Ecosystem - link

- CDSI is the focal point of data science related activities at McGill created to foster an inclusive ecosystem with a special focus on cross-disciplinary collaborations.
- Research at CDSI – link
- Institutes and labs falling under CDSI – link *(to be created) (should we include this?)*

People

- Meet the researchers working to develop the next generation of solutions using data-intensive tools and methodologies.
- Link

News

Data Science Events

Apply to McGill
Undergraduate
Graduate

Departments
Department of Mathematics and Statistics
Digital Humanities Initiative
School of Computer Science
School of Information Studies

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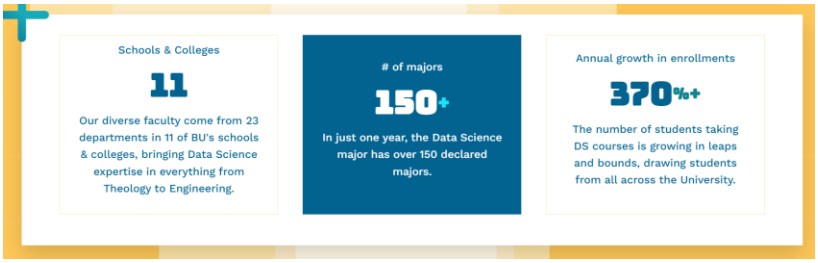
Comments for Data Science at McGill section of the page:

I wanted to include some statistics about Data Science Ecosystem at McGill such as the number of institutes and researchers involved. The types of projects being carried out. All of this is supposed to be 1 or 2 lines long.

An example from Boston University DS page:



Programs:

I will not include the information about courses from these programs and courses page. (https://www.mcgill.ca/datascience/programs-and-courses)

Then we are left with programs which I planned to display on our website as follows (these will go in the boxes displayed on the template page):

Graduate and professional programs:

Science

Bioinformatics

Biostatistics

Dual Degree Programs in Public Health Data Science

Computer Science

Mathematics and Statistics

Quantitative Life Sciences

Arts

Digital Humanities

Information Studies

Management

Management in Analytics

School of Continuing Studies

Professional Development Certificate in Data Science and Machine Learning

Professional Development Certificate in Data Analytics for Business

Professional Development Certificate in Applied Artificial Intelligence

Professional Development Certificate in Cloud Computing

Arranging undergraduate programs was trickier. Suggestions for modifications to how we should display undergraduate programs are more than welcome. I think we can simply list them however I have removed duplicates from the original list on the website.

Undergraduate programs with the possibility of overlap with data science:

Applied Mathematics – (Faculty of Science/ Faculty of Arts)

Applied Artificial Intelligence (Faculty of Engineering)

Biology and Mathematics

Cognitive Science

Computer Science (Faculty of Arts) (Faculty of Engineering) (Faculty of Science)

Computer Science and Biology

Environmentrics (Faculty of Science) (Faculty of Agricultural and Environmental Sciences)

Mathematics (Faculty of Science) (Faculty of Arts) (Desaultels Faculty of Management)

Mathematics and Computer Science (Faculty of Arts) (Faculty of Science)

Physics and Computer Science

Probability and Statistics (Faculty of Science) (Faculty of Arts)

Software Engineering (Faculty of Arts) (Faculty of Engineering) (Faculty of Science)

Statistics (Desautels Faculty of Management) (Faculty of Arts) (Faculty of Science)

Statistics and Computer Science

Business Analytics

Comments on CDSI Ecosystem section:

This section is intended to direct the traffic to CDSI website from the DS at McGill website.

I was confused if we should include a point describing how many and which institutes from the university come under CDSI. Do you think we should do that? If yes, from where can I get that information?

Comments on People section:

Currently there are two different people pages. One in the DS at McGill website and the other one in CDSI website.

https://www.mcgill.ca/datascience/people (this one is to be retained going forward)

https://www.mcgill.ca/cdsi/about/people

Both these pages should be combined. I like the page originally present on the DS at McGill site. We can port that page to CDSI site and link it on the DS at McGill's website people section.

Comments on the news feed and events section:

We can display both these sections in a two-column fashion using blocks. In the news section we can list all the updates about Data Science and CDSI happening at McGill. But I am not sure how to setup a news feed. If it is not doable, we will only keep the events section.

If possible, we may replace the news section with the twitter feed section like they have on the faculty of science website as shown below:

https://www.mcgill.ca/science/

(Alternative to news feed)