



Quebec Institute of Artificial Intelligence

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Form 1 - Mila Partnership Application

Organization

First Name:

Last Name:

Job Title:

Email:

Organization Name:

of Employees:

Industry:

Year Founded:

Company Annual Revenue (CAD):

Funding Range:

Funding Sources:

- Venture Capital
- Crowdfunding
- Angel Investors
- Loans and/or Grants
- Friends, Family and/or Self-Funding
- Incubators
- Other

Why do you want to collaborate with Mila?

- I want to collaborate with a PhD student on a specific project.
- I want to explore the potential of AI in my organization.
- I need help building a machine learning proof of concept.
- I need expert advice in AI/machine learning.
- We are looking to hire AI talent.
- We want to expand our activities to Quebec/Canada
- Other

Do you have usable data?

- Yes, I have annotated data that is ready to be used.
- I have data, but it is not annotated.
- I am not certain I have data.
- No, I do not have data.

Which statement reflects the level of AI expertise in your organization?

- We don't have AI Talent
- We don't have AI Talent, but we are looking to hire new employees or upskill existing employees
- We don't have AI talent, but we do have data specialists
- We have a few qualified in-house AI specialists
- The team possesses a high degree of AI literacy
- We are working with external consultants

How widespread is AI in your organization currently?

- We are just learning about AI and are not sure how it would work in our organization
- We have identified AI use cases, we have a data infrastructure, but never developed AI models
- We have identified AI use cases, but are not sure we have the right data infrastructure
- We have started to develop AI models through proofs of concept
- We have successfully deployed one or more AI-based products
- I don't know

Other clarifications or details

Form 2 - Project proposal

Organization

A. Company profile

1. Company name	
2. Website URL	
3. HQ Country	
4. Street address	
5. Industry	
6. Year the company was founded	

B. Company project team

Information on the first person (required)

Name	
Email	
Role in the project	
Number of hours per week dedicated to the project	
Concise description of the technical skills relevant to the project	
Role in previous machine learning projects	
Experience with machine learning frameworks (e.g. Pytorch, Tensorflow, ...)	
Programming experience	

C. Machine learning (ML) project

C.1. Project description

1. Describe your business idea and the reasons for wanting to use ML. You can cite scientific papers, blogs, etc.

2. Is this project meant to build a completely new product or is it meant to improve an existing product? If the latter, provide more details about the baseline to be improved.

3. Are there existing AI as a service solutions (e.g. [Google AI APIs](#)) for your project? If so, are these solutions viable for your project?

4. Specify the evaluation metrics that will be used in the project.

5. Describe the environment and deployment constraints (e.g. latency, memory) that need to be considered while building a Proof of Concept (PoC) for your project. In particular, specify any constraint related to the choice of ML framework (Tensorflow vs. Pytorch).

C.2. Data description

1. Provide a detailed description of each feature of the data.
2. Give the total number of entries (examples) in the entire dataset.
3. Give the total number of entries (examples) labelled according to the class(es) to be predicted in the entire dataset. How many of those have high quality/reliable labels?
4. How similar are the entries in the dataset to those that will be processed in production?
5. What is the source of the data (internal, external or mixed) and are you legally entitled to use it?
6. Is there additional information about the data that needs to be considered while working on the project?

C.3. Computational resources

1. Describe the type and amount of computational resources available for your project. If you want to use deep learning techniques, describe the type and number of dedicated GPUs available for the project.

D. Scientist in residence program

1. What are the required skills that the resident working on your project must have?
2. Other than the required skills, what are the preferred skills that the resident working on your project should have?
3. What is your language preference for the resident?
4. What is your location preference (lab or remote) for the resident?