



PROGRAM GUIDE

# Machine Learning Exploration



# Program Overview

The Machine Learning Exploration program is intended for startups that are interested in learning more about machine learning (ML), how it can directly impact their business and drive business value for them. This program is dedicated to helping startups explore the following areas:

- What ML is
- What ML is not
- Principles of Responsible AI
- Business Use Cases of ML Within Startups
- Brainstorming Business Problems & Opportunity Areas
- Evaluating Business Opportunities
- Turning Business Opportunities Into AI/ML Opportunities
- Evaluating ML Questions
- Mapping out ML Questions
- Tools and Techniques for Data and Machine Learning

## Program Activities

The Machine Learning Exploration program consists of:

### Workshop sessions:

- 5 live workshops sessions delivered by an Amii ML Educator
- The workshop sessions are 1.5 - 2 hours
- Workshop sessions include:
  - Intro to Machine Learning Exploration
  - Brainstorm and Evaluate Business Opportunities
  - Turning Business Opportunities Into AI/ML Opportunities
  - Tools and Techniques for Data and ML
  - AI/ML Opportunities Evaluation and Opportunity Map

### Self-Directed Work:

- Allocate 2-3 hours a week to build upon the knowledge and work started in the live workshops

### Check-ins:

- Dedicated one-on-one sessions with the ML Educator, allowing participants to validate their progress and get their questions answered
- 20 minute check-ins the 2nd and 3rd week of the program

### One-on-one Coaching Session:

- 60-minute one-on-one coaching session with the Amii ML Educator in the final week of the program
- Dedicated time to review your completed AI Opportunity Map and answer any questions you have
- Ensure you are ready for the next steps in your ML journey

Estimated time commitment to complete this program is 4 to 5 hours a week.

## Program Outcome

Startups will leave the Machine Learning Exploration program with:

- A foundational understanding of AI and ML concepts
- 2 to 5 ML opportunities to consider pursuing in the near future as a startup
- Development of an actionable roadmap that translates high-priority ideas using Amii's AI
- Opportunity Map
- Preliminary understanding of the steps required to prepare data for building a proof of concept for each identified idea
- A clear idea of what the next steps should be and how Amii can support them in their ML development

## Eligibility, Application and Acceptance

### Eligibility

The Machine Learning Exploration program is an application-based program with limited space available for each cohort, and eligible startups must meet the following criteria:

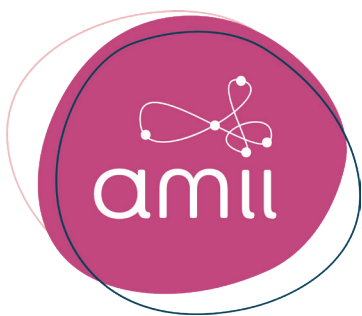
- Early-stage company
- Building a software-based product or service
- Planning AI adoption within 1-2 years
- Annual revenue up to \$2M
- Able to commit 4-5 hours/week
- Willing to complete feedback surveys

### Application and Acceptance

- Meet with Amii to discuss your interest (by request)
- Submit completed application before the deadline
- Amii schedules a follow-up to review your submission
- If accepted, review and sign the Machine Learning Exploration agreement



For inquiries about **ML Exploration** or our broader startup programs, please contact the team at [startups@amii.ca](mailto:startups@amii.ca)



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