

# Ukrainian Talents

## Hi, AI!

— an introductory course for Ukrainians

# План

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- Proposition of AI Sweden and N-iX - **Hi, AI!**
- Structure of **Hi, AI!** - 5 weeks: Lectures + Homework (YouTube)

# Who am I?



**Melissa**

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- Graduate from **45th gymnasium**
- **Winner** of All-Ukrainian olympiads in Informatics
- Young Talent program in AI **Sweden**
- **Machine Learning Engineer Inter** at Zenseact

# Background (45th gymnasium)

**Math + Programming (olympiads + TUI)**

# Background (Sofia and I)

**Sofia and Melissa**

**AI Sweden**

**AI and ML**

# Idea from AI Sweden to idea to move ukr children

**AI Sweden - Young Talent**

**Idea to move ukr children from 45th gymnasium to Sweden**

# **Idea of the intro course to ML and AI - Ukrainian Talents**

**Idea to move ukr children from 45th gymnasium to Sweden**

**Show that they can do it and have enough knowledge**

# Structure of **U**kra**i**nian **T**alents

- **10 weeks:**
  - **Lectures**
  - **Homework**
  - **Guests Lectured**
    - **Story of life - networking**
    - **Math related**



# Proposition of AI Sweden and N-iX - Hi, AI!

Community of students - students at uni, graduates and people in IT

Main point - make new people in ML and employ them at NiX

# Structure of Hi, AI!

- 5 weeks:
  - Lectures (YouTube)
  - Homework
  - Diplomas

## Certificate for the completion of the course

This certificate confirms that **[NAME SURNAME]** has completed "Hi, AI!", an introductory course for Ukrainians from AI Sweden and N-iX Nordic between 2023-04-25 and 2023-05-24.

The program consisted of five online lectures and five home projects on the following topics:

1. Unsupervised learning as an analysis tool
2. Supervised learning: classification and regression algorithms and problems
3. Decision Trees, Random Forests, Ensembles. Pycaret
4. Introduction to neural networks
5. Basics of Natural Language Processing and Computer Vision. Using pre-trained models

[Participant's Name] exhibited outstanding problem-solving skills, a keen analytical mind, and a passion for learning and exploring the cutting-edge field of AI. Their active participation in discussions, thorough completion of assignments and projects showcased their ability to grasp complex concepts and apply them creatively to practical scenarios.

It is with great pleasure that we recommend [NAME SURNAME] for their future career endeavors in the field of AI and beyond. We have no doubt that [Participant's Name] will continue to excel and become a valuable asset to any organization or academic pursuit they choose. Their passion for AI, coupled with their strong work ethic and adaptability, assures us of their bright and successful future in the field.

Congratulations, [Participant's Name], on this remarkable achievement! We wish you the very best in all your future endeavors.



SOFIA ZAOZERSKA  
Mentor at "Hi, AI!"



MELISSA GALIBA  
Mentor at "Hi, AI!"



MINNA LEIJONHUFVUD  
Mentor at "Hi, AI!"



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**Thanks!**