

Register now

Microsoft Responsible AI - hack for humanity

Get ready to hack in the era of **Responsible AI** by joining us in person at our exclusive, one engineering / data scientist event **Microsoft Responsible AI Hackathon** at the Microsoft office, Regeringsgatan 25 in Stockholm, on May 7th 2024.

Bringing together global and local mentors for you, we will explore how our [tooling in Azure can help building responsible AI solutions](#), with monitoring & insightful RAI metrics both before deployment, and during a live solution.

The day will start with off with an opening keynote and DEMO of our latest tooling for Responsible AI (RAI) by **Mehrnoosh Sameki, Principal Program manager – Responsible AI**. Tooling in AI Studio and Azure machine learning such as: Responsible AI dashboard, Generative AI dashboard & metrics, [Model interpretability](#), [Fairness](#), [Causal analysis](#), [Error analysis](#), [Counterfactuals analysis and what-if analysis](#)

Following this, you will be able “bring your own use case” or select one of the DEMO-use cases in purpose to learn the tooling together with our Microsoft mentors.

The winning team will be measured both by the criteria of which team that has most metrics produced - insightful metrics you can produce with our RAI tooling, such as fairness, transparency, inclusiveness – and judged by how you utilize the insights of these metrics, to create a fair and inclusive solution.

[Register now](#) to secure your place. Seats are limited.
Registration closes May 2nd.

Pre-requisites

1) Bring your own laptop

2) Bring your own environment (Azure environment access):

- **Azure subscription:** [Create one for free](#) if you do not have a suitable one.
- **1) Azure machine learning** workspace (with a Compute Instance, to be able to run Notebooks in Azure Machine Learning)
 - **How to create a Workspace and Compute Instance:** [Tutorial: Create workspace resources - Azure Machine Learning | Microsoft Learn](#)
 - **Purpose:** Responsible AI Dashboard: Financial & health dataset
- **Optional:**
 - **Purpose:** Optionally also bring the below 3 services, if you want to learn also AI Studio generative AI dashboard:
 - **2) Azure OpenAI service:** [How-to: Create and deploy an Azure OpenAI Service resource - Azure OpenAI | Microsoft Learn](#)
 - **Note:** Currently, you must submit an application to access Azure OpenAI Service. To apply for access, complete [this form](#)
 - **3) Azure Content safety service -** [create a Content Safety resource](#) in the Azure portal to get your key and endpoint. Enter a unique name for your resource, select your subscription, and select a resource group, in region (East US), and supported pricing tier. Then select **Create**.
 - **4) Azure AI Search –** [create an Azure AI Search service](#)

3) Bring your own team: (1-X people per team)

4) Bring your own data (optional - DEMO data/use cases will be provided)

Disclaimer: This *Microsoft Responsible AI hackathon* welcomes everyone and costs nothing to participate. Prior to registering for this event, government employees must check with their employers to ensure they allow their participation in accordance with applicable policies and laws.

Agenda:

8:30 – 9.00 Registration and coffee: Sign up with a team name.

9:00 – 9.30 Hackathon information: How is the setup for the day. Team announcements. The hack, the prize of winning team. The after work. General questions.

9:30-11:00 Keynote: opening keynote and DEMO of our latest tooling for Responsible AI (RAI) by **Mehrnoosh Sameki, Principal Program manager – Responsible AI**. Tooling in AI Studio and Azure machine learning

11:00-11:15 COFFE BREAK

11:15 – 11:30 Teams announcement, Use case selection, Datasets

A) Datasets: Finance, Healthcare, Education...

- **Financial Services** - A consumer applies for and is denied a home loan.
- **Health Care** - Medical professionals are working to ensure there is enough hospital capacity Covid patients. The dashboard can also guide their treatments, to help reduce the number of hospitalizations.
- [Read more - GITHUB accelerator repo](#)
- [Read more - The goal and output: Responsible AI dashboard](#)

B) Dataset - optional: Bring your own data. Bring your own use case.

11:30-12:00 HACK pt1

12:00-13:00 LUNCH

13:00-14:00 HACK pt2

14:00-14:20 BREAK (coffee & sandwich)

14:20-16:00 HACK pt3

16:00-16:45 TEAM presentations

16:45-17:00 Winner announcement

17:00 -19:30 Networking and After Work