

A large, stylized number "7" in a teal-to-blue gradient. The right side of the "7" is composed of a pixelated or mosaic-like pattern.

<sup>TH</sup> edition

The **financial challenge** of the year

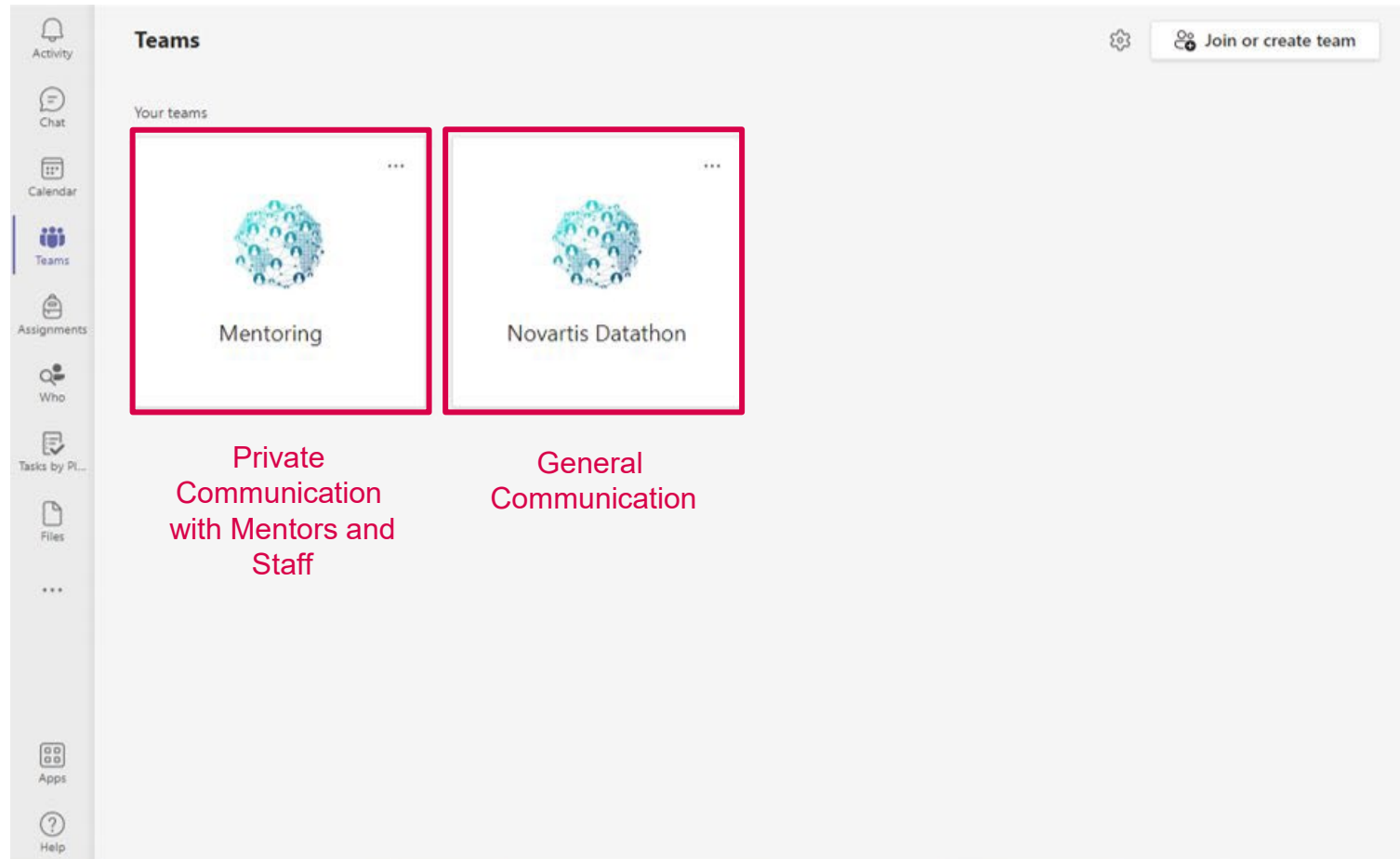
**NOVARTISDATATHON**

online

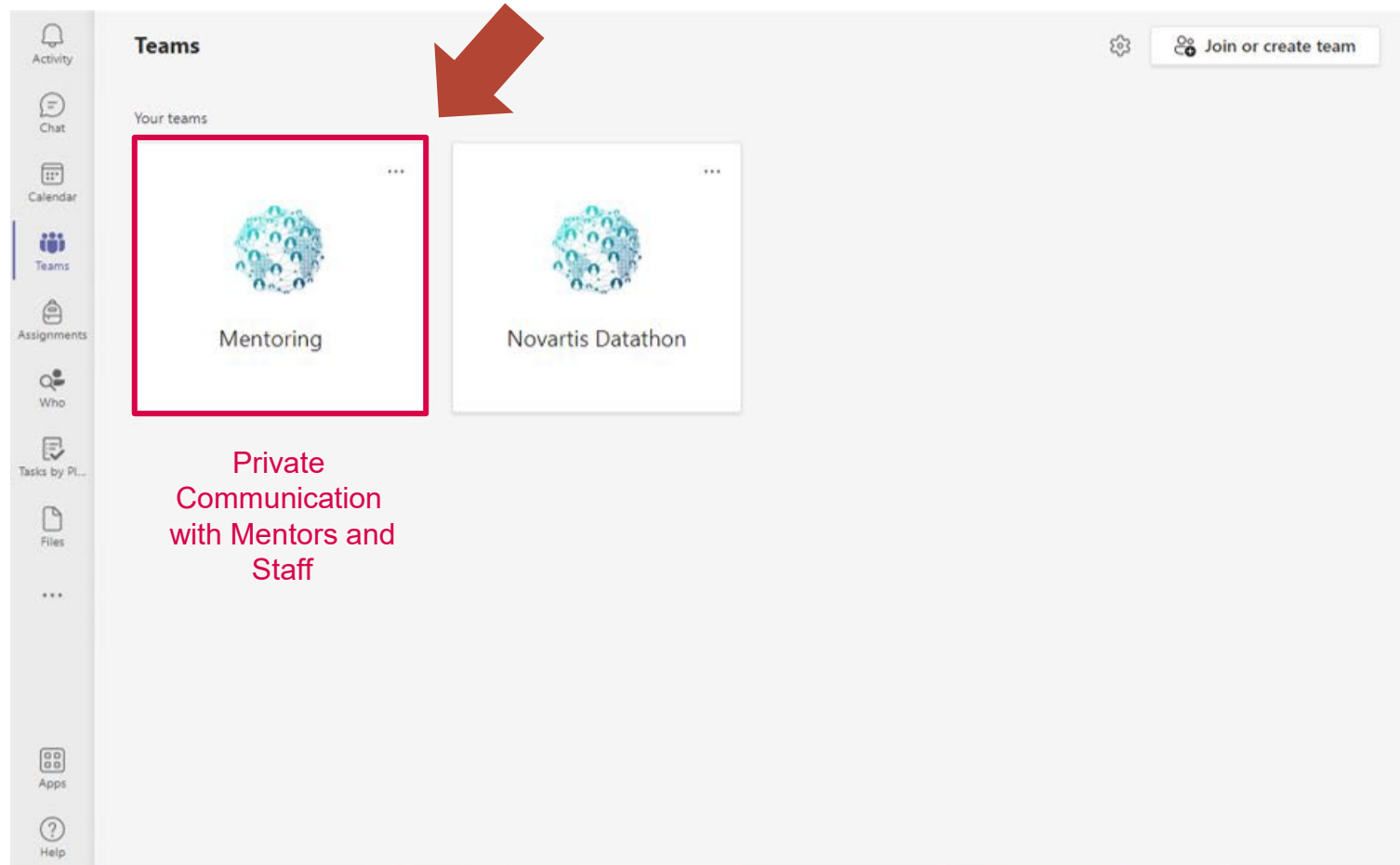
## Technical part

Communication: **Microsoft Teams**  
Upload the results: **Datathon Platform**

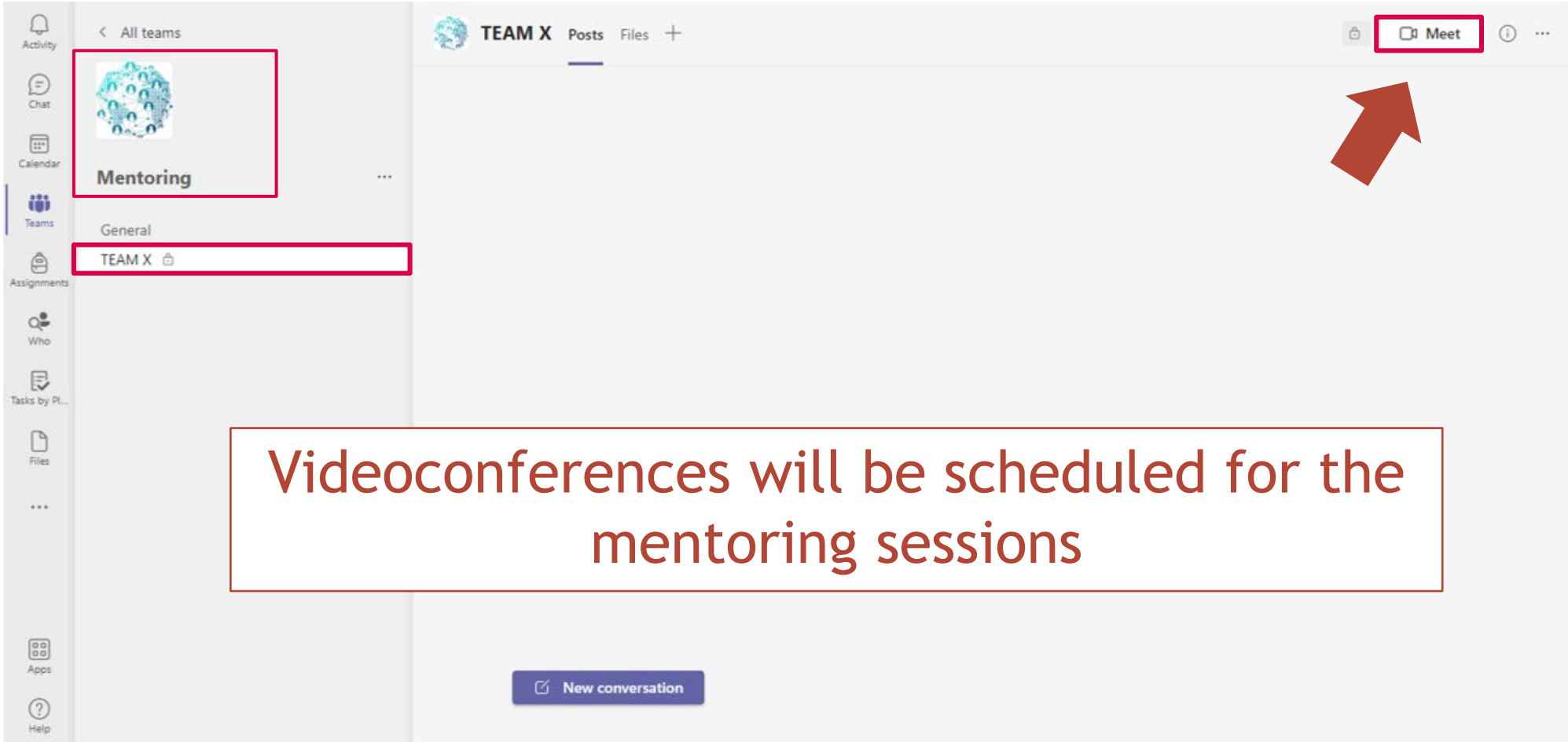
# Communication Channel



# Communication Channel



## Communication Channel - Private communication



The screenshot displays the Microsoft Teams interface. On the left sidebar, the 'Teams' section is active, showing a list of teams. The 'Mentoring' team is highlighted with a red box. Below it, the 'General' channel is selected, and the 'TEAM X' chat is visible. A red arrow points from the 'Meet' button in the top right corner of the chat window to the 'Mentoring' team in the sidebar. A large red box with white text is overlaid on the bottom right of the chat window, stating: 'Videoconferences will be scheduled for the mentoring sessions'.

Activity Chat Calendar Teams Assignments Who Tasks by Pl... Files ... Apps Help

< All teams

TEAM X Posts Files +

Meet

Mentoring

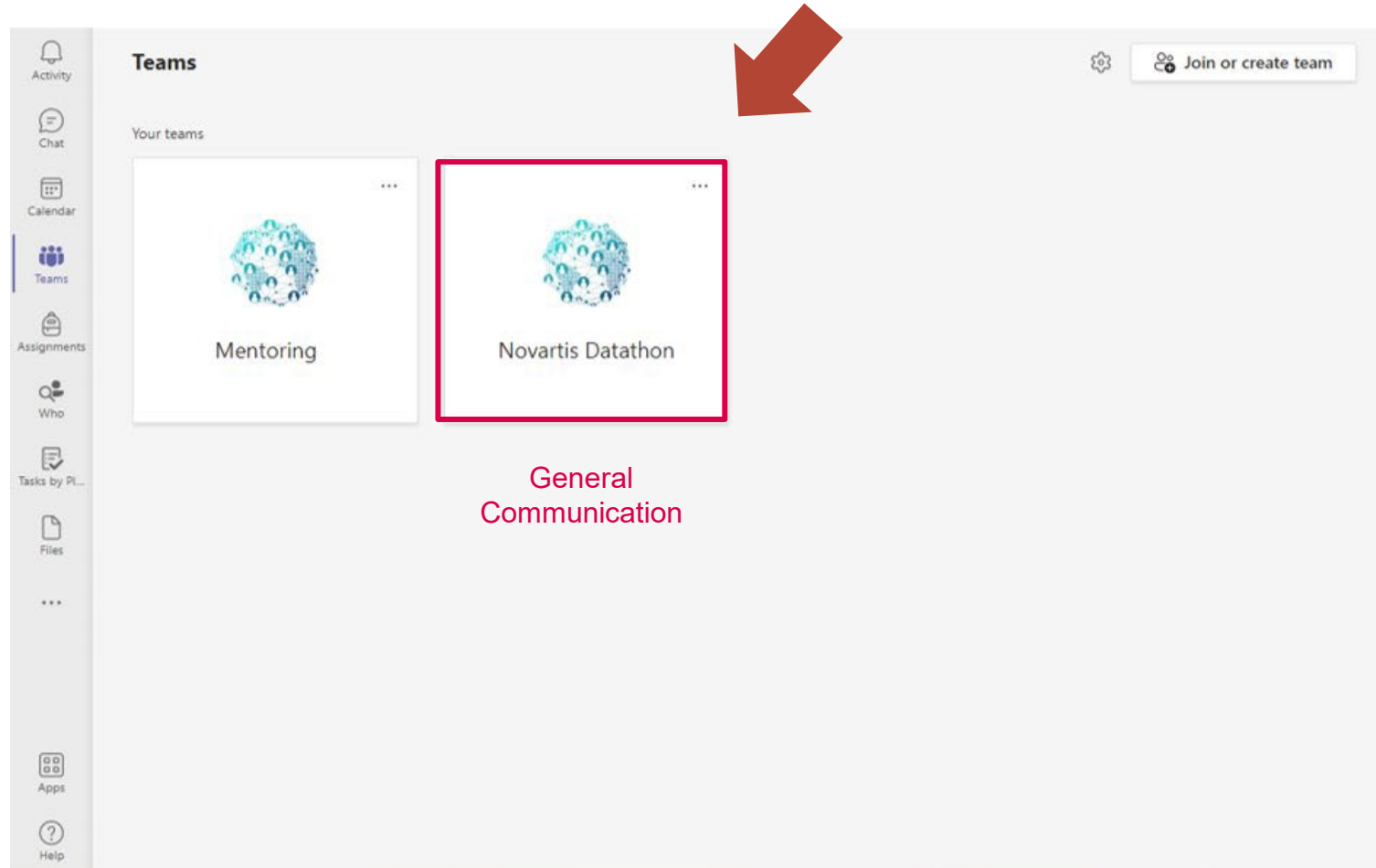
General

TEAM X

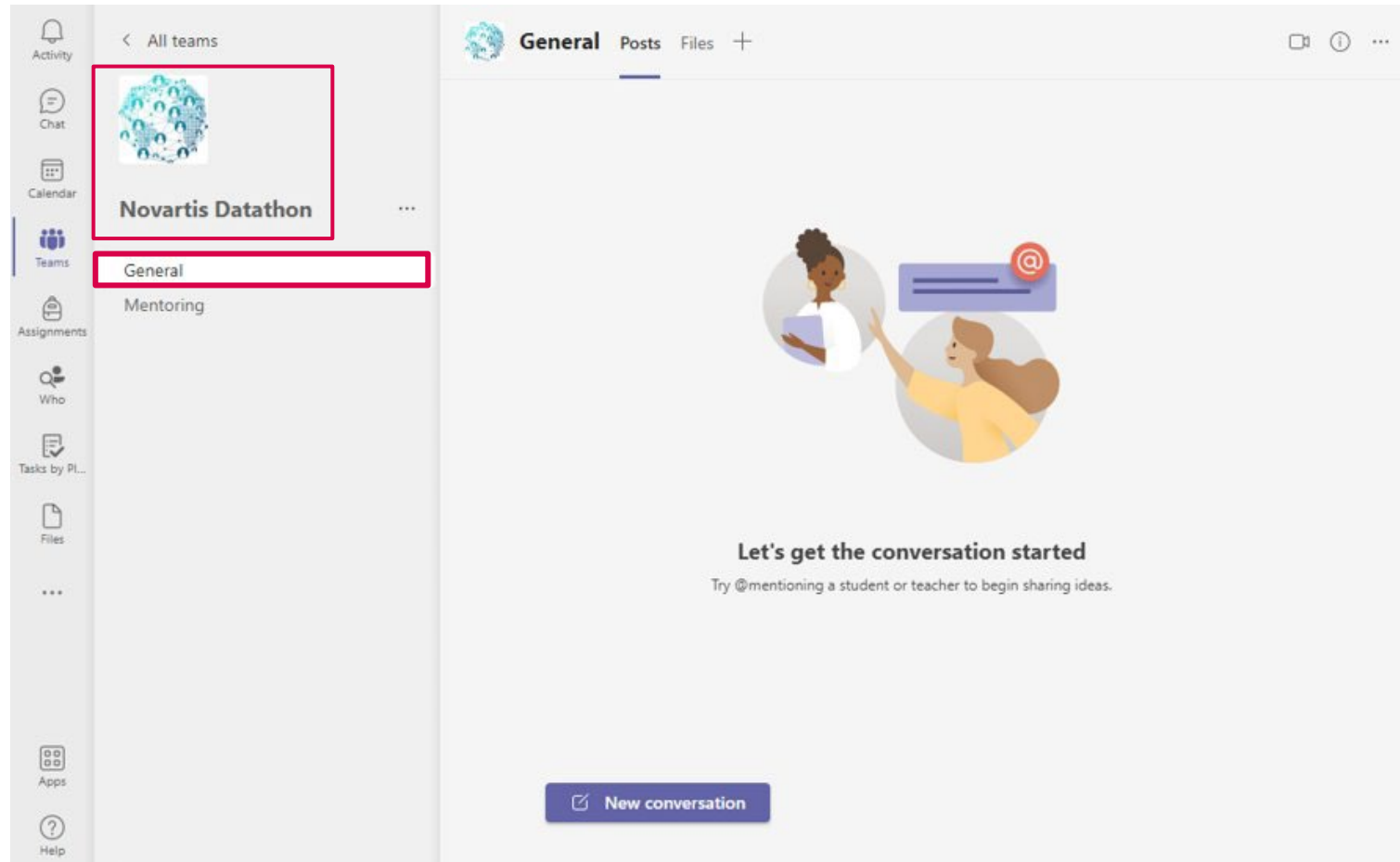
Videoconferences will be scheduled for the mentoring sessions

New conversation

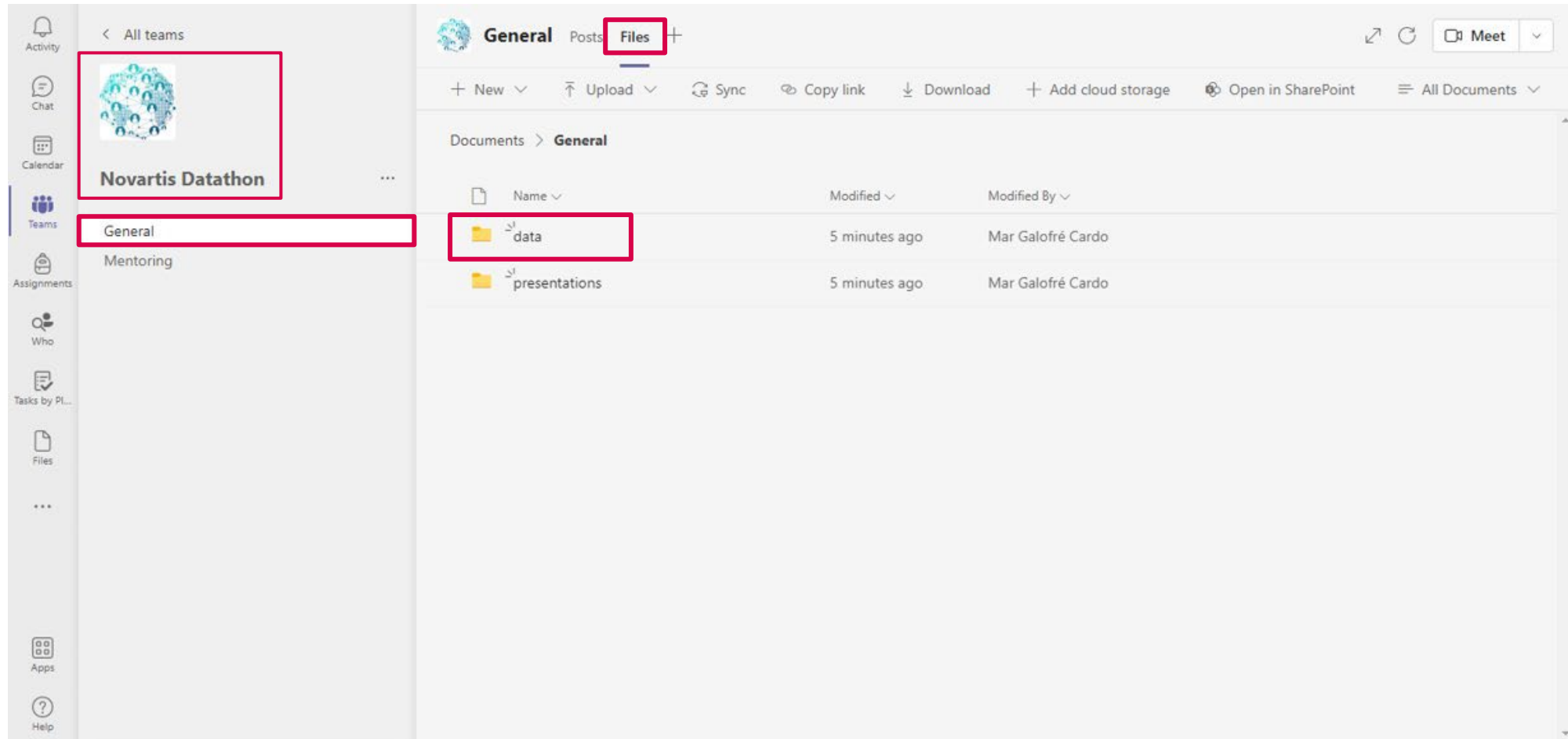
# Communication Channel



## Communication Channel - General communication



# Download data

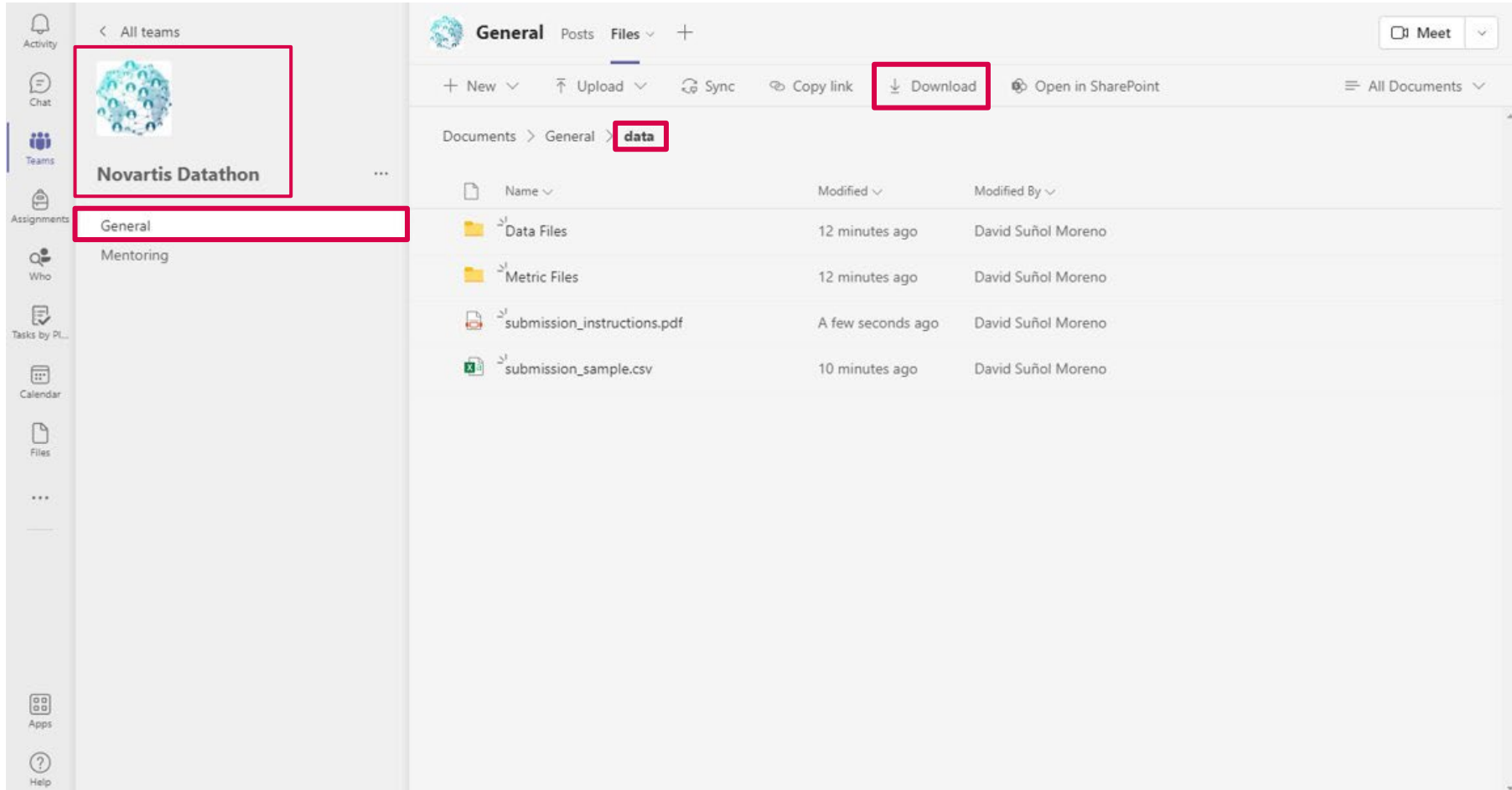


The screenshot shows the Microsoft Teams interface. On the left sidebar, the 'Novartis Datathon' team is selected, and the 'General' channel is active. The main pane displays the 'Files' tab for the 'General' channel. A table lists the files and folders in the channel:

Name	Modified	Modified By
data	5 minutes ago	Mar Galofré Cardo
presentations	5 minutes ago	Mar Galofré Cardo



# Download data

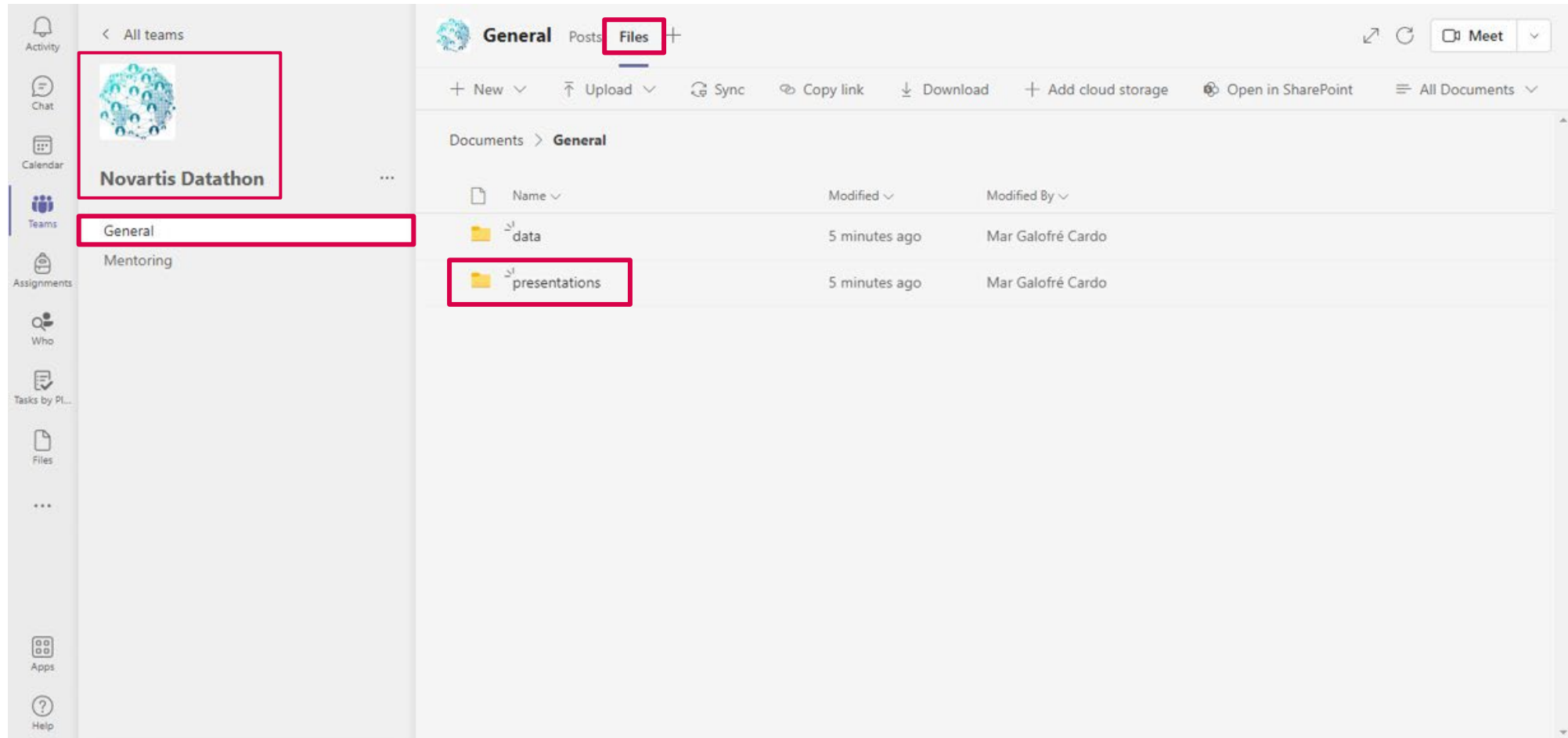


The screenshot shows the Microsoft Teams interface. On the left sidebar, the 'Novartis Datathon' team is selected, and the 'General' channel is highlighted. The main pane displays the 'Files' tab for the 'General' channel, showing a folder named 'data'. The 'data' folder is highlighted with a red box. Below the folder, a list of files is shown:

Name	Modified	Modified By
Data Files	12 minutes ago	David Suñol Moreno
Metric Files	12 minutes ago	David Suñol Moreno
submission_instructions.pdf	A few seconds ago	David Suñol Moreno
submission_sample.csv	10 minutes ago	David Suñol Moreno

At the top of the file list, the 'Download' button is highlighted with a red box.

# Download data



The screenshot shows the Microsoft Teams interface for the 'Novartis Datathon' team. The left sidebar contains navigation icons for Activity, Chat, Calendar, Teams, Assignments, Who, Tasks by PI..., Files, and Help. The 'Teams' section is expanded, showing the 'Novartis Datathon' team with a red box around its icon and the 'General' channel selected. The main area displays the 'Files' tab for the 'General' channel. A red box highlights the 'Files' tab in the top navigation bar. Below it, a toolbar includes options like New, Upload, Sync, Copy link, Download, Add cloud storage, Open in SharePoint, and All Documents. The 'Documents' section shows a list of files and folders:

Name	Modified	Modified By
data	5 minutes ago	Mar Galofré Cardo
presentations	5 minutes ago	Mar Galofré Cardo

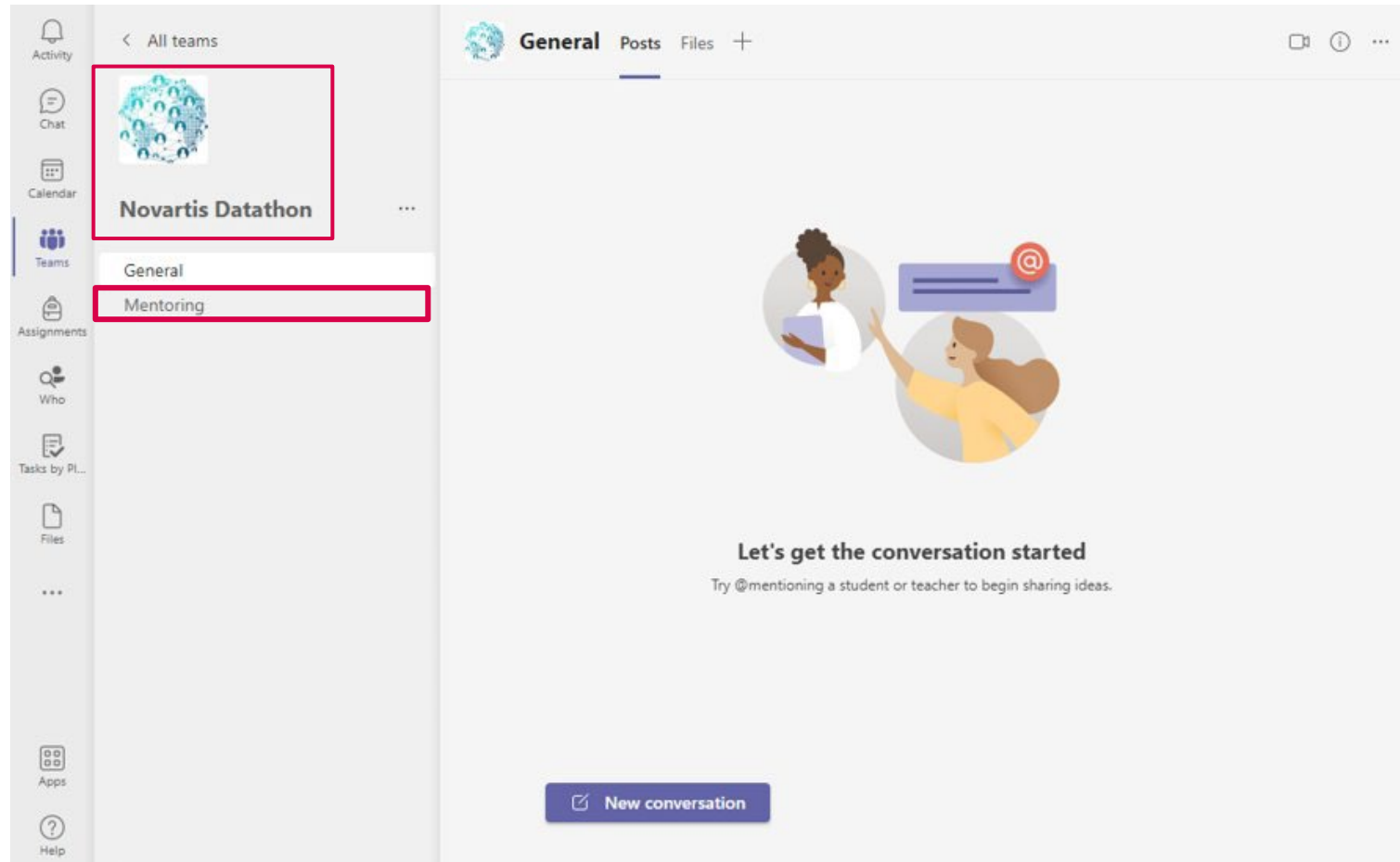
The 'presentations' folder is highlighted with a red box.

## Submit presentation & code TOP 5

The screenshot shows the Microsoft Teams interface for the 'Novartis Datathon' team. The left sidebar contains navigation icons for Activity, Chat, Calendar, Teams, Assignments, Who, and Tasks by PL... The 'Teams' section shows the 'Novartis Datathon' team with a 'General' channel selected. The main area displays the 'Files' tab for the 'General' channel, showing a folder named 'presentations'. Inside this folder, a file named 'template\_final\_presentation.pptx' is listed. The file was modified 'A few seconds ago' by 'Mar Galofré Cardo'. The 'Download' button is visible in the top right of the file list. A red arrow points to the file 'template\_final\_presentation.pptx'.

Name	Modified	Modified By
template_final_presentation.pptx	A few seconds ago	Mar Galofré Cardo

## Communication Channel - General communication

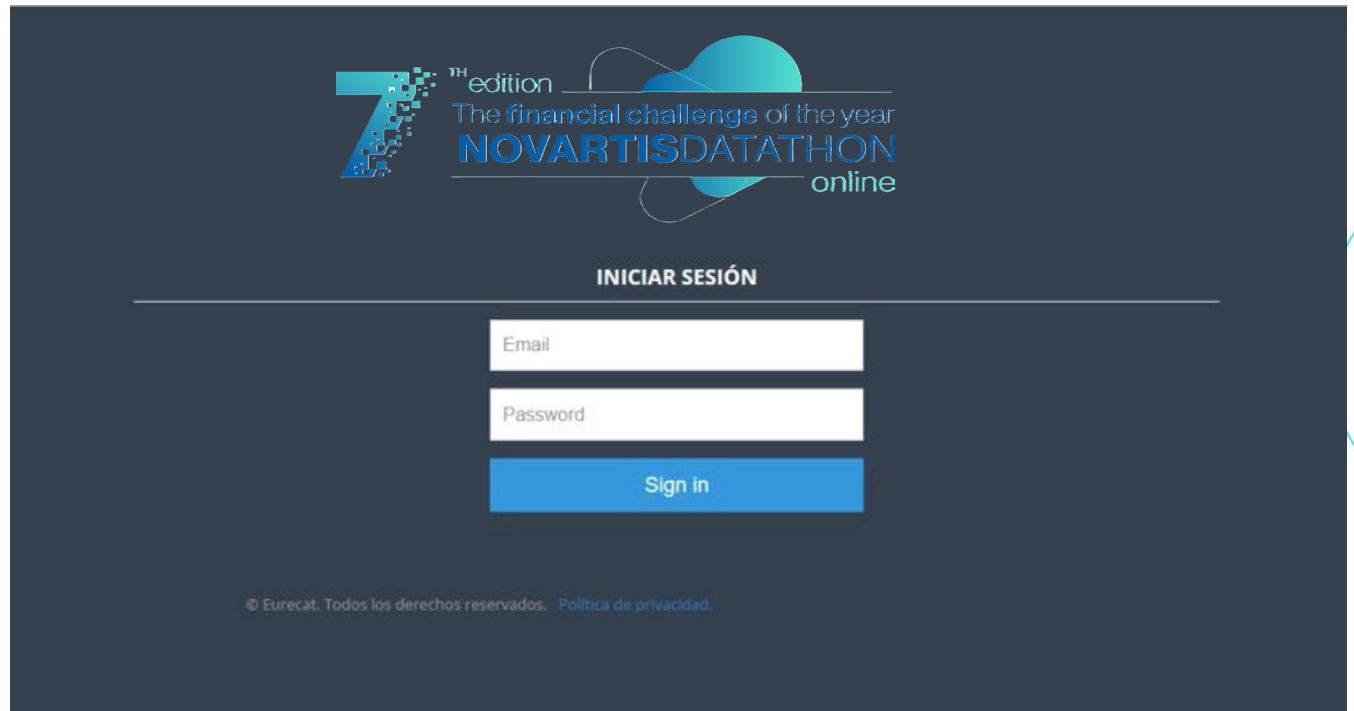


## Platform login

### Credentials

user: teamX@novartisdatathon

password: individualized



The screenshot shows the login interface for the 7<sup>TH</sup> edition of the NOVARTISDATATHON online. At the top, the logo features a large blue '7' with a pixelated effect, followed by the text '7<sup>TH</sup> edition', 'The financial challenge of the year', 'NOVARTISDATATHON', and 'online'. Below the logo, the text 'INICIAR SESIÓN' is centered. Underneath, there are two input fields: 'Email' and 'Password'. A blue 'Sign in' button is positioned below the password field. At the bottom of the page, a small copyright notice reads '© Eurecat. Todos los derechos reservados. Política de privacidad.'

## How to submit results - Change the password

The screenshot displays the Novartis Dataathon interface. The top navigation bar includes the logo and a user profile dropdown for 'Team2'. The left sidebar contains navigation links: 'Dashboard / Panel', 'Checkpoint', 'Graph', and 'Team Submissions'. The main content area shows a 'Ranking' table with the following data:

Team	Prediction Error
Team2	60.04801497
Team3	105.9775598
Team1	107.8851338

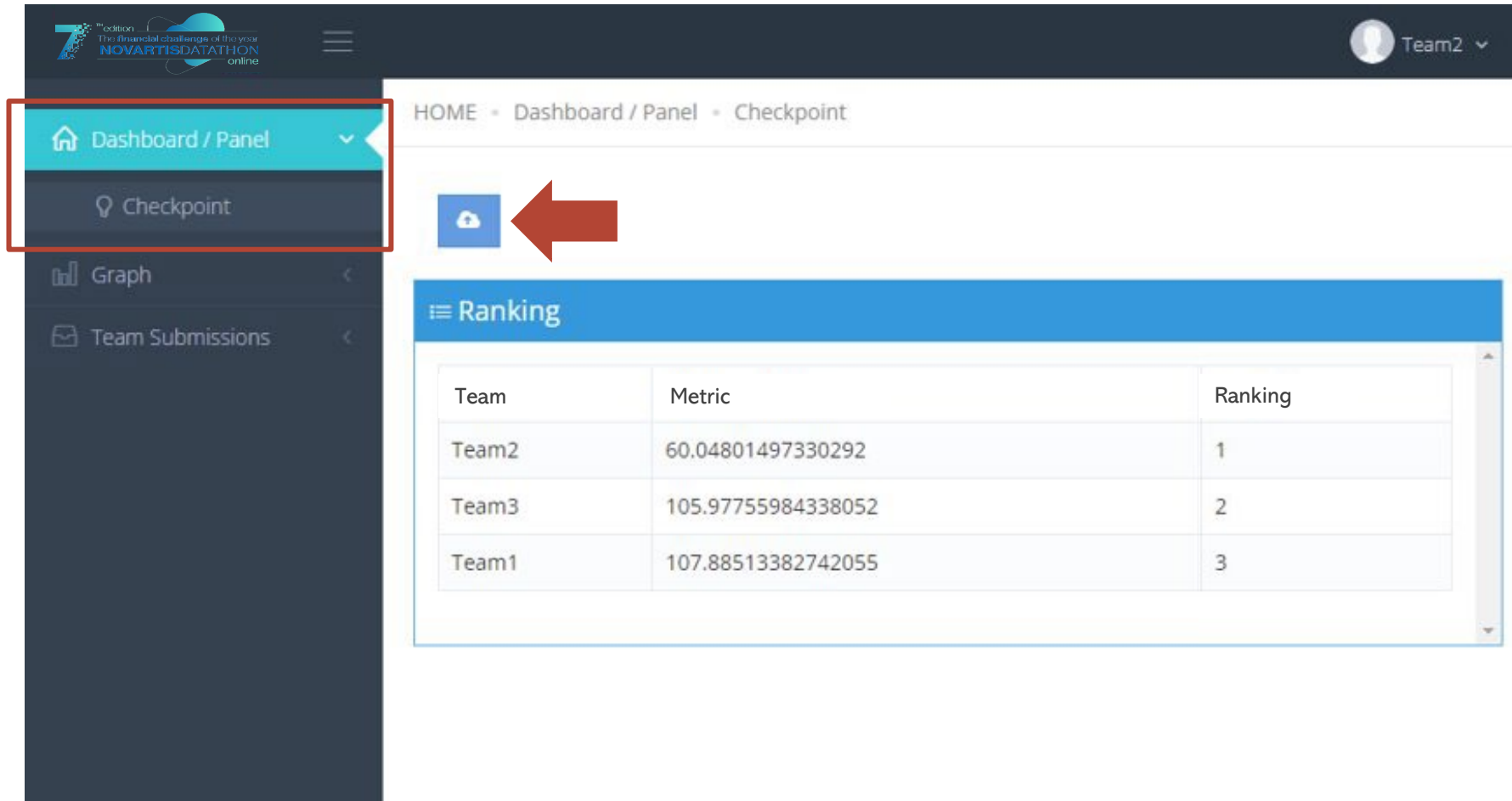
Below the ranking table, the 'Profile' section is visible, with the 'Change password' option highlighted. The 'Change Password' form includes the following fields:

- Current Password\*
- Password (8 or more characters)\*
- Repeat Password\*


\*Fields with '\*' are mandatory.


Buttons: Cancel, Update


## How to submit results - Submission




HOME • Dashboard / Panel • Checkpoint

**Dashboard / Panel** 

**Checkpoint** 

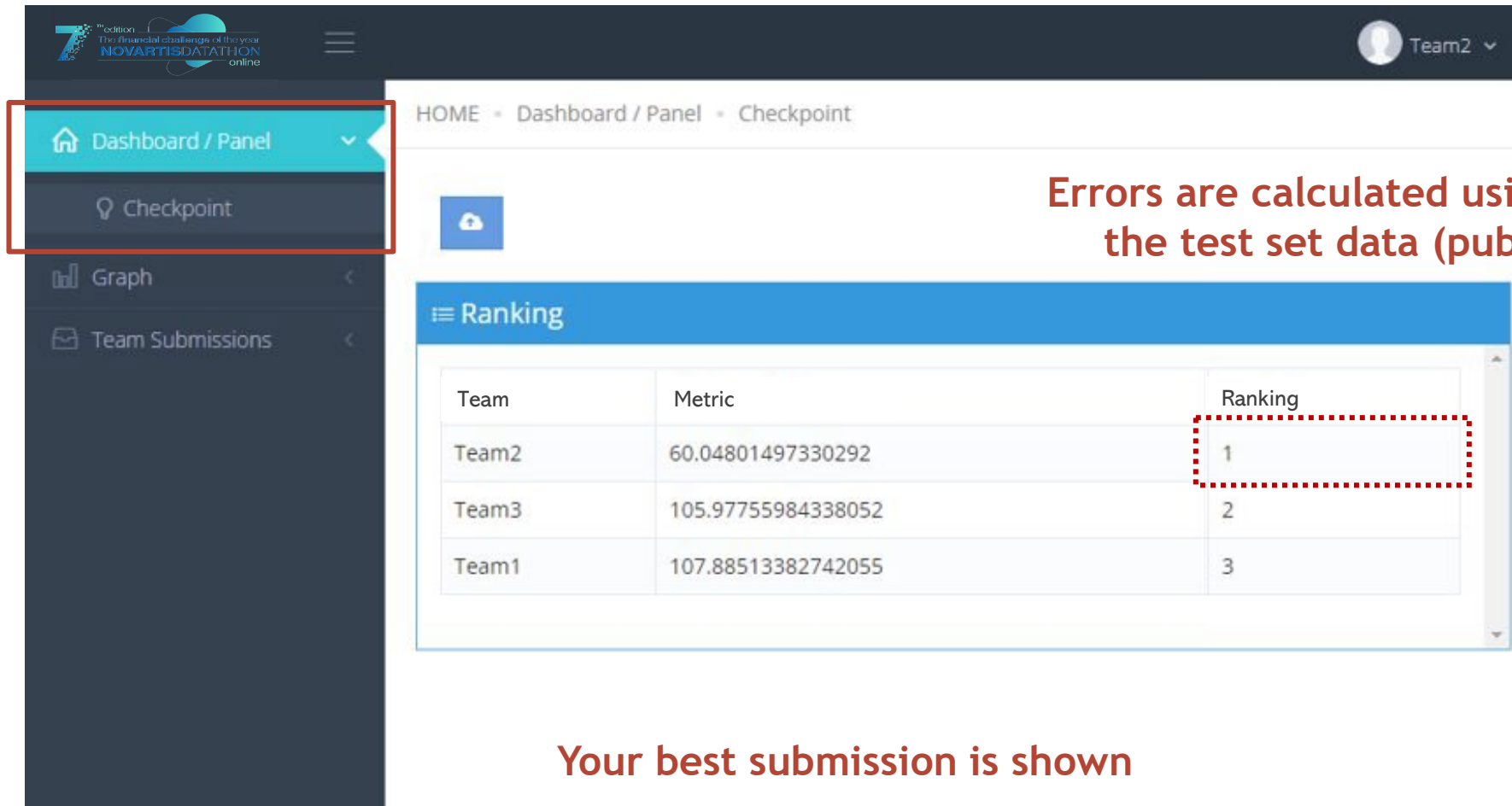
**Graph** 

**Team Submissions** 

### Ranking

Team	Metric	Ranking
Team2	60.04801497330292	1
Team3	105.97755984338052	2
Team1	107.88513382742055	3

## How to submit results - Ranking checkpoints

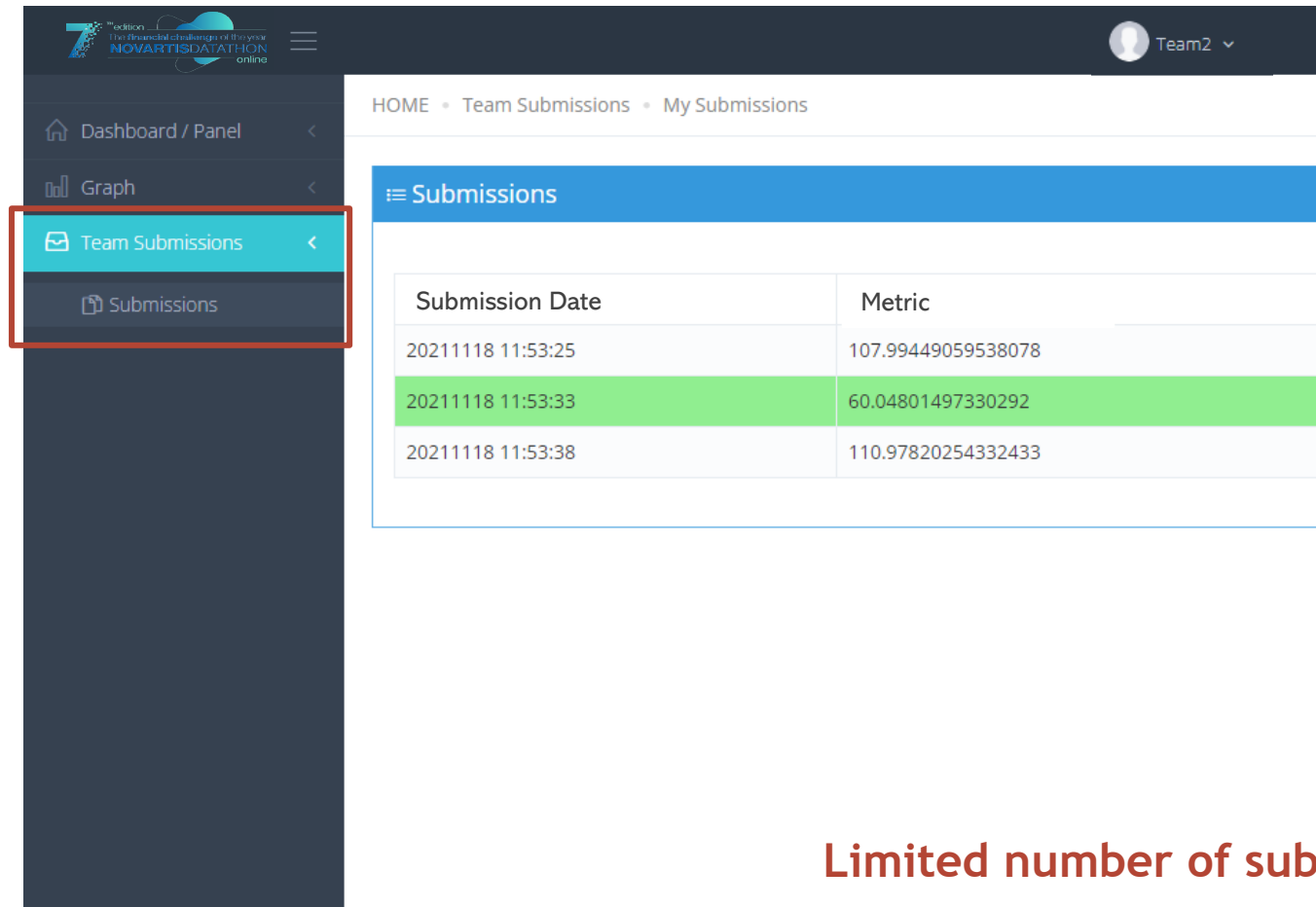


The screenshot shows the Novartis Datathon interface. On the left, a sidebar menu is visible with options: 'Dashboard / Panel' (highlighted with a red box), 'Checkpoint', 'Graph', and 'Team Submissions'. The main content area shows the 'Ranking' section for 'Team2'. A table displays the ranking of three teams based on a metric. The table has columns for 'Team', 'Metric', and 'Ranking'. Team2 is ranked 1st with a metric of 60.04801497330292. Team3 is ranked 2nd with a metric of 105.97755984338052. Team1 is ranked 3rd with a metric of 107.88513382742055. The 'Ranking' column for Team2 is highlighted with a red dashed box. A red text annotation states: 'Errors are calculated using only 50% of the test set data (public test set)'. Another red text annotation at the bottom states: 'Your best submission is shown'.

Team	Metric	Ranking
Team2	60.04801497330292	1
Team3	105.97755984338052	2
Team1	107.88513382742055	3



## How to submit results - History of submissions



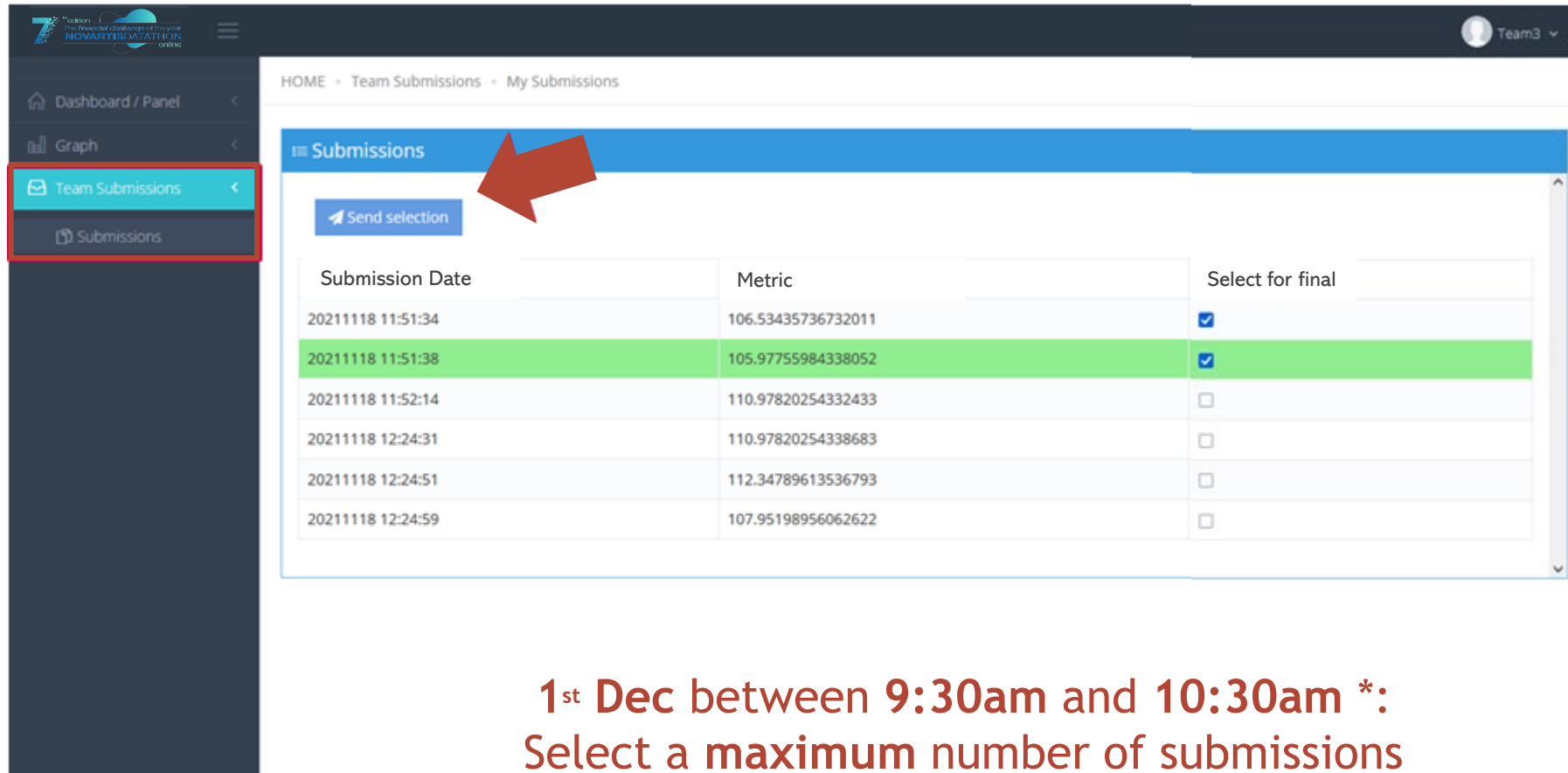
HOME • Team Submissions • My Submissions

**Submissions**

Submission Date	Metric
20211118 11:53:25	107.99449059538078
20211118 11:53:33	60.04801497330292
20211118 11:53:38	110.97820254332433

Limited number of submissions

## How to submit results - Final submission (last hour)



HOME • Team Submissions • My Submissions

**Submissions**

Send selection

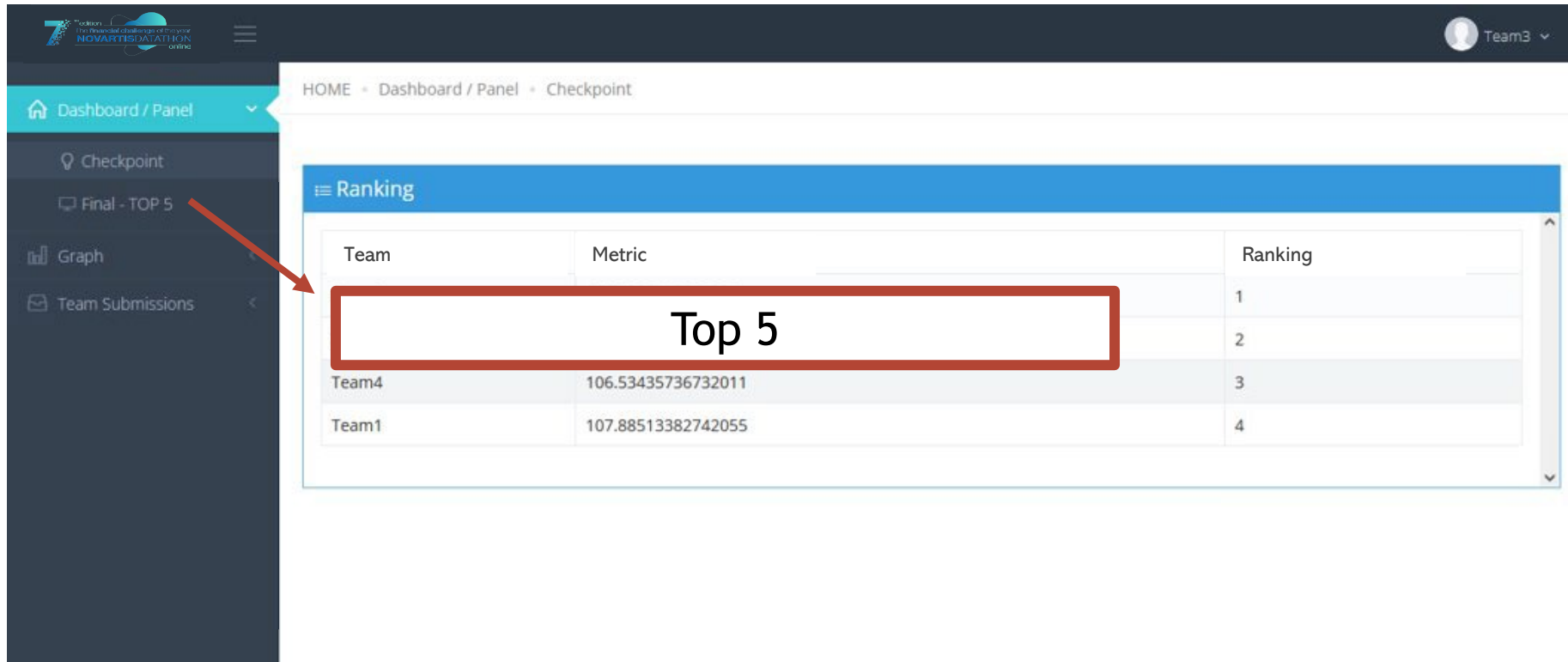
Submission Date	Metric	Select for final
20211118 11:51:34	106.53435736732011	<input checked="" type="checkbox"/>
20211118 11:51:38	105.97755984338052	<input checked="" type="checkbox"/>
20211118 11:52:14	110.97820254332433	<input type="checkbox"/>
20211118 12:24:31	110.97820254338683	<input type="checkbox"/>
20211118 12:24:51	112.34789613536793	<input type="checkbox"/>
20211118 12:24:59	107.95198956062622	<input type="checkbox"/>

1<sup>st</sup> Dec between 9:30am and 10:30am \*: Select a maximum number of submissions

## How to submit results

The FINAL results are calculated using only  
the PRIVATE test set (50% of the test set)  
once the submission deadline is over  
(1st Dec 10:30am)

## Show results



The screenshot shows the Novartis Datathon interface. On the left, a dark sidebar contains navigation links: 'Dashboard / Panel' (highlighted), 'Checkpoint', 'Final - TOP 5' (indicated by a red arrow), 'Graph', and 'Team Submissions'. The main content area has a breadcrumb trail 'HOME > Dashboard / Panel > Checkpoint' and a 'Ranking' section. The 'Ranking' section displays a table with columns 'Team', 'Metric', and 'Ranking'. The top row is highlighted in blue and contains the text 'Top 5' in a large font, which is also enclosed in a red rectangular box. Below this, the table lists 'Team4' with metric '106.53435736732011' at rank 3, and 'Team1' with metric '107.88513382742055' at rank 4. The top row of the table is missing its team and metric data.

Team	Metric	Ranking
Top 5		1
		2
Team4	106.53435736732011	3
Team1	107.88513382742055	4

## Submit presentation & code TOP 5

Activity  
Chat  
Calendar  
Teams  
Assignments  
Who  
Tasks by PL...  
...

< All teams

**Mentoring 1**

General  
TEAM X

TEAM X Posts Files +

+ New Upload Sync Copy link Download Add cloud storage All Documents

TEAM X

Name	Modified	Modified By
Data_Novartis_Datathon-Results_Presentation_TeamX		
Data_Novartis_Datathon-Final_Code_TeamX		

Drag files here

- 1 Data\_Novartis\_Datathon-Results\_Presentation\_TeamX
- 2 Data\_Novartis\_Datathon-Final\_Code\_TeamX

# Agenda



## **THU 28 November**

17:00h - 18:00h | Kick-off



## **FRI 29 November**

09:00h - 18:00h | Team case work and Q&A

09:00h - 12:00h | Mentoring

16:00h - 18:00h | Mentoring



## **SAT 30 November**

09:00h - 18:00h | Team case work and Q&A

09:00h - 12:00h | Mentoring

16:00h - 18:00h | Mentoring



## **SUN 1 December**

09:00h | Welcome and Jury introduction

09:30h - 10:30h | Final Submissions

10:30h | Deadline Final Submissions

11:30h | Show Results

12:00h | Deadline to submit PPT (TOP 5)

13:00h - 14:30h | Presentations (TOP 5)

14:30h - 15:00h | Jury Deliberation

15:00h | Winners Announcement