#NOKATHON
23.02.19 - 25.02.19

Event Invitation
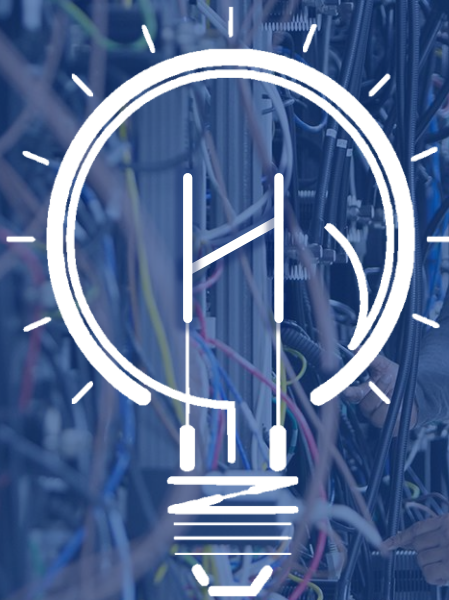
http://www.nokathon.com
fb.me/NokathonEvent

NOKIA

About Nokia

NOKIA

About Nokia Portugal

The **technological center located in Lisbon and Aveiro** gathers a high number of professionals dedicated to development and deploying services. Portugal is considered one of the most important centers of innovation for Nokia, exporting solutions and knowledge for all over the world.


With around **2000 collaborators** in Portugal, Nokia is leader in equipment, solutions and services for networks.

The company has been playing an important role in the process of digitalization and roll out of mobile networks and implementing next generation mobile networks, adapting, molding and innovating the future of telecommunications.

Lisbon hosts one of the international centers of engineering from Nokia. A unique unit of excellence in the services area that gathers all the tools, processes and resources highly qualified to manage remotely networks from operators worldwide.

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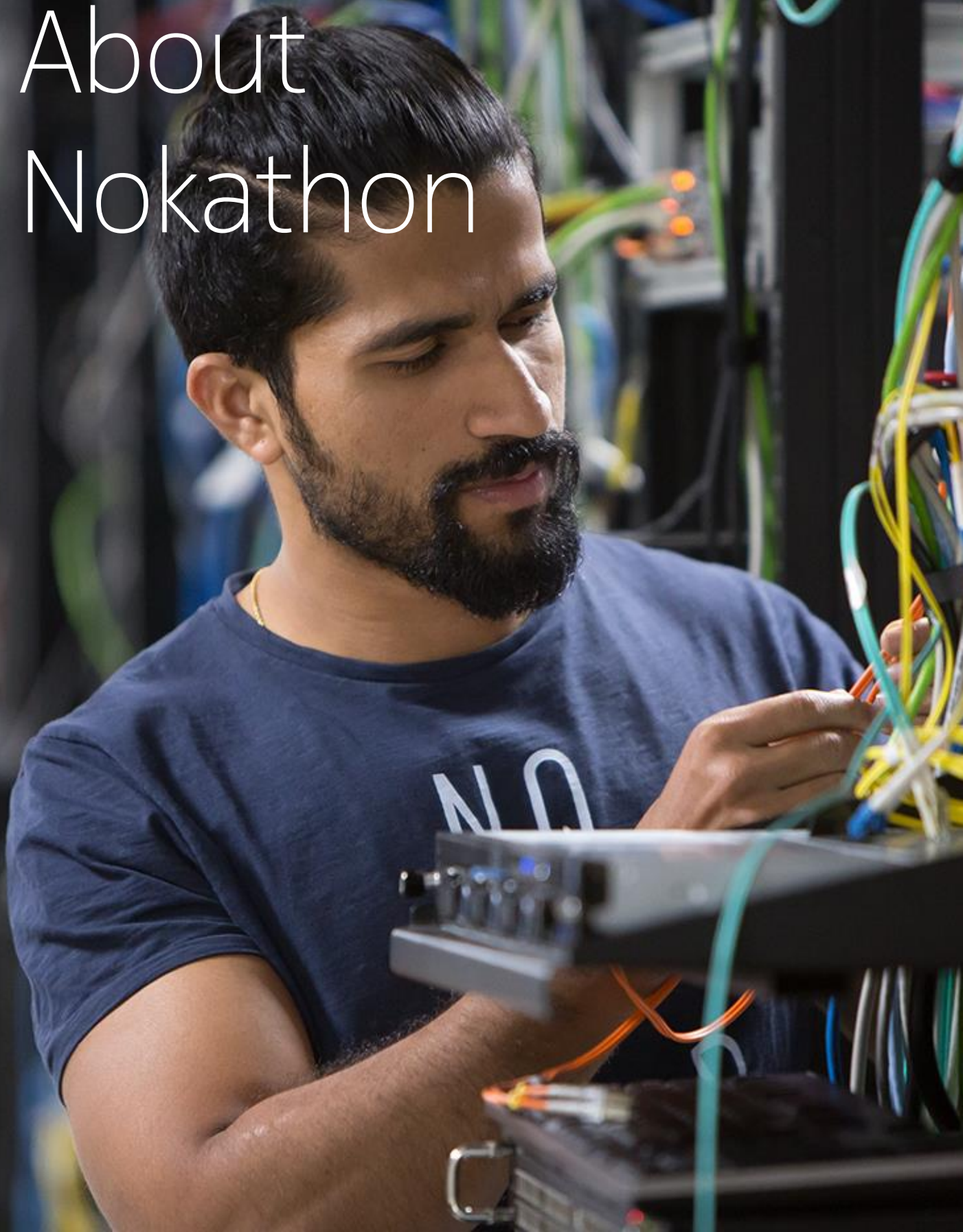
About Nokathon

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The event will be held in a competition format, focusing in the resolution of a specific problem related to **"Data Science & Analytics"**. Currently, NOKIA is investing strongly in projects within this area, which is the main driver for this event.

Participants can apply through our event official website **www.nokathon.com** and their applications will be accepted and validated by performing a small quiz to test the participants basic skills.

Participation is limited to 150 students and the 30 best will be invited to participate in the event in Nokia installations in Alfragide, Amadora (meals and snacks included). The remaining 120 selected participants will be able to participate remotely.

The candidates should put their knowledge and skills in this area to the test, solving **one problem statement (detailed on the next slides)** using the fastest and most efficient algorithm. In the end, the results will be presented to a jury. The **5 best projects will be rewarded** as follows: **1st - 2500€, 2nd - 1500€, 3rd - 500€, 4th and 5th - 100€**, along with a participation certificate. Participation and event prizes will be delivered in the closing ceremony, at the end of the event.

The event will be held during the weekend, from the **23rd of February to the 24th**, and the closing ceremony will take place on the 25th of February.

More information is available on the Nokathon official website and Facebook page. Please visit them to stay tuned.

Now only one question remains… **"Are you bold enough to take the challenge?!"**

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Event
Schedule

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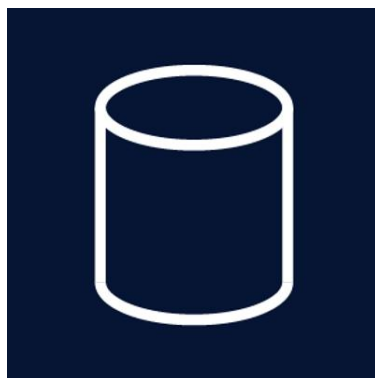
Event Schedule

1st Day

23.02.2019 – 8:30am – 11:00am
Opening doors of the Hackathon event
Welcome session
Problem statement presentation and discussion

23.02.2019 – 11:00am – 11:00pm
Developing of the solutions

2nd Day

24.02.2019 – 9:00am – 11:00pm
Developing of the solutions

24.02.2019 – 11:00pm
Delivery of results

3rd Day

25.02.2019 – 9:00am – 11:30am
Results presentation and discussion

25.02.2019 – 2:00pm – 3:30pm
Awards session

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Problem
Statement

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Problem Statement

Main problem : Log analytics

Problem Statement
Comparing two sets of log files to detect the outliers and to find the problem areas related to the one log file compared with the other one
The first log file is the observed or recorded logs and the second log file is the ideal (Normal condition) log that should have been there.

Solution :
Describe the approach of the solution in 1 or 2 pages.

Output :
Output should be in the form of txt files against each of the validation set logs and code to be uploaded in ZIP format along with folder names.
Contestants will be notified with online scoring of how near or far they are from the solution

Country	Material ID	Q1 2018 forecast	MAPE
CHN	NTHW08CG	X	10%
MEXICO	3HE03615AA	Y	8%

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Contact us!

http://www.nokathon.com

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