

FAQS

#HACKABOUT-2016

1. WHAT IS IT AND THE SPECIFICS?

What: Philips #Hackabout-2016 is a Hackathon on the Philips Data Science Platform, using the real world problems defined by practitioners and taking in the real world data

When: Monday, Sept 12th starting from 10:00 hrs to 16:00 hrs at MIT <venue for the finals will be shared subsequently>

Who: Looking for students who are interested in combining healthcare and technology to create solutions using the big data !

Why: You will:

- be an early adopter for the “Community Preview” of new Philips HealthSuite Digital Platform (HSDP)
- be a part of the vision of Philips’ HealthTech group (As a company, Philips is combining the Consumer Lifestyle segment with the Healthcare segment to become a market winning HealthTech company)
- team up to create healthtech solutions – from wellness programs to disease prevention to home-based care
- interact with some of the key influencers in healthcare and technology
- be able to compete for lots of great prizes, including 1st prize

2. Who can participate?

We are looking for students/faculty/ researchers who have an interest in creating solutions to enable both better-informed clinical decisions and more personalized care. The competition is open only to the students of Manipal University. The following are not eligible to enter or win

the competition: employees, officers, directors and contractors of Philips and/or any member of their immediate family (i.e., a spouse, parent, grandparent, child or grandchild) or household of any of the foregoing individuals, and hackathon event partners. See the T&C's.

3. Do I have to be there in person for the finals ?

Yes, this is an in-person event; we want you to be in person for the entire event on 12th Sep 2016. There will be team collaboration and interaction with key opinion leaders and mentors to help you with your solution. You'll also be able to network with fellow-minded attendees.

4. What is the flow for registration?

The opening event of the competition will be held on Tuesday, August 16th 2016, and we will have the registration website open. The registration website will have details of all the problem statements, FAQs, Terms and conditions. This is a team event and is NOT an individual event. Each team shall have a minimum of Two (2) and a maximum of Five (5) students. The VMs with the tools installed and the data sets will be ready by 01-Sep-2016. Teams have time from 02-Sep-2016 till 07-Sep-2016 to create solutions. On Monday, 12th Sep 2016 each of the teams will have to showcase their solution to the judges.

5. What is happening on 16th Aug 2016 and why do I have to be there?

We will be declaring the event open. The entire sequence of events will be laid out before you. There will also be a session by one of the subject matter expert from Philips Innovation Campus on knowledge essentials.

7. What is the challenge exactly?

You will be using the Philips HealthSuite Digital Platform (HSDP)'s Data Science Platform (algorithms, tools) and the data provided by KMC Manipal, to create solutions and address some of the burning problems we see in the society around us.

We will have 6 different areas for you to choose from:

- Predict LoS (length of stay) of patients admitted for AMI (Acute Myocardial Infarction) and factors attributed to it.
- Role of metabolic obesity and BMI in patients with CORONARY ARTERY DISEASE: Hospital based study
- Analysis of Congestive Heart Failure re-admission rate
- Changing HbA1c levels in response to anti diabetic treatment
- Predict occurrence of major adverse cardiac events (MACE) after coronary angioplasty

- Evaluation of causative factors for amlodipine induced pedal edema

8. Will there be technical support for questions?

For any clarifications on the specific themes, refer to the website which has the respective theme owners listed out there. For any technical support related to DSP platform, send in your queries to any of the below email ids

- Hareesha.prabhu@philips.com
- Manjunatha.maiya@philips.com
- Vijayananda.j@philips.com

9. How are we evaluated?

See the Judging.

10. Who owns the IP?

The team owns the IP that they create. However, if the team wants to develop the solution further after the event for commercial use, Philips has the right “Right of First Offer” Philips may also decide they would like to have a “Right of First Negotiation”. See the T&C’s.

11. How are the teams organized?

You must have 2 to 5 people in a team. We believe that it helps to generate new solutions with teams that show a variety of backgrounds

12. How much does it cost?

This hackathon participation is free, but you must register to participate.

13. What are the rules?

Everyone who registers must abide by the Hackathon rules. Attendees are to be respectful of others and not abuse, spam, or initiate any personal attacks on others. More information is available upon registration. See more detailed rules and T&C’s.

14. What’s provided?

We have theme owners for explaining what is expected / more elaboration on the problem statements and technical support from DSP team to help with any queries or problems. More technical sessions will be published before 01-Sep-2016. Look for the registration website for more information on reading materials which we will keep publishing

15. What should I bring?

Please bring your laptop and any other peripherals (smart phones, tablets, etc and associated chargers) that you want to use to create your solution. You should have PowerPoint software so you can create your presentation.

15. If I have a question that's not answered here, who should I contact?

For any queries other than theme or HSDP – drop an email to Manjunatha.Maiya@philips.com or Hareesha.prabhu@philips.com