

TACTiCS

CONFERENCE SERIES 2015

**TACTiCS Conference on
Next Frontiers for Internet of
Things
19-20 March 2015,
TCS Siruseri - Chennai**

Data Analytics Challenge

Realize your
intellectual
potential &
win exciting
prizes!

TACTiCS Conference on Next Frontiers for Internet of Things (TACTiCS-IoT) will be held on 19-20 March 2015 at Siruseri, Chennai. Among other interesting agenda items, TACTiCS-IoT will also feature a data analytics challenge. The main aim of the challenge is to give each TCser an opportunity to harness his/her intellectual potential without being bogged down by domain knowledge (or the lack of it!).

Here is how it works. We will provide you with some real world sensory data – the data will be about a mundane phenomenon that all of us are familiar with, viz., bus travel. The data will be made available to you at a Knowmax site. Some meta data to explain the semantics of the sensory data will also be made available. We invite you to download the sensory data set, understand it, and participate by submitting novel use cases - i.e., how best the given data can be utilized to do cool things. The specific end uses and the application domain are left to the imagination of the participants.

Participants should collect their thoughts on the use case and submit a write-up. The submitted document is expected to be organized as follows:

- a) Objective - What is the use case idea / what you want to do
- b) Significance – Why is the idea useful
- c) Challenges - Why is it hard to do in general
- d) How do you propose to solve such challenges and any assumptions you may make
- e) Some proof of why your method will work. The proof can be provided in the form of a small implementation or some research papers, which have implemented similar thing. It can also be based on personal experience in the past.
- f) Limitations – pending research challenges that need solution / thinking to complete the idea
- g) conclusion

A review committee will short-list from these submissions. The shortlisting will be based on the following criteria:

- i. How novel is the idea/use-case?
- ii. Has the team missed identifying some key challenges in achieving the above idea
- iii. Is the approach scientific? How realistic are the assumptions?
- iv. Is the proof given with sufficient details?
- v. Have the limitations been identified?

The short-listed entries will be invited to make a 15 minute presentation in person during the TACTiCS 2015 conference on IoT. The review committee will select the winners and exciting prizes will be awarded.

- **Last date for submission – 25th Feb 2015**
(Portals on data & entry submission will open soon.
Details will be made available in Knowmax TACTiCS page)
- **Announcement of short-listed entries – 6th March 2015**
- **Presentation date – 19th March @ Chennai**