***TACTiCS IoT Conference Data Analytics Challenge***

**Submission template**

**Feb 2015**

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**About this Document**

**Purpose**

This document defines a high level structure to be followed by the submissions for the TACTiCS 2015 IoT Data Analytics Challenge.

**Structure of the Submission**

We invite you to download the sensory data set from the Knowmax repository, 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 with the following sections as follows:

1. Objective
   * What is the use case idea / what you want to do
2. Challenges
   * Why is the idea hard to do? What are the stumbling blocks?
3. Assumptions and Key idea
   * How do you propose to solve such challenges and any assumptions you may make
4. Discussions on proposed idea
   * 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.
5. Limitations
   * Pending research challenges that need solution / thinking to complete the idea
6. Significance
   * Why is the idea useful? What are the possible benefits?
7. Conclusion
   * Key take-away of your idea