**Teradata Hackathon**

Teradata’s Hackathon will focus on creative problem identification and problem solving skills. Groups will be provided with a Teradata database containing large datasets ranging from a variety of different subjects. Each group will be asked to identify a problem to solve, and work towards creatively constructing a solution via a presentable, programmatic means. Although some minor data analytics will be involved, participants should focus on supporting their conclusion or conclusions in a demonstrable manner.

The primary technology involved will be a fairly new product developed by Teradata, Teradata REST Services. For some basic information regarding Teradata REST, please refer to the following article: <http://www.teradatamagazine.com/v15n01/Tech2Tech/Driverless-Connectivity/> . The biggest advantage to RESTful services is the ability to connect and interface with a system without the need of language or technology specific drivers. Meaning that it is entirely up to you what programming language you would like your project to utilize. Code will be committed and maintained using Github.

Participating groups will have 8 hours to develop a programmatic approach to answering the question that they have formulated. A primer document containing information and tutorial links for Github, HTTP fundamentals, RESTful services (particularly TD REST) basics, and a few sample rows of the tabular data that will be available for the event will be provided to allow groups to begin preparation for the competition.

After the five hour period, groups will take turns presenting their project and ideas within a 5 minute window. It is expected that most projects will remain unfinished at the end of the eight hour window – this is totally okay! The important thing is to identify the design, goals, creative direction that was being pursued, and to demonstrate what could be done by your team in the given time.

Judging will be based on a number of factors including creativity (for both the question and the conclusion/direction), technical ability, teamwork, and innovation.

We look forward to seeing your innovative projects and ideas.

**Cheers & happy coding!**